Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1611txm

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	DEC 05	CASREACT(R) - Over 10 million reactions available
NEWS 4	DEC 14	2006 MeSH terms loaded in MEDLINE/LMEDLINE
NEWS 5	DEC 14	2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
NEWS 6	DEC 14	CA/CAplus to be enhanced with updated IPC codes
NEWS 7	DEC 21	IPC search and display fields enhanced in CA/CAplus with the IPC reform
NEWS 8	DEC 23	New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/ USPAT2
NEWS 9	JAN 13	IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS 10	JAN 13	New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to INPADOC
NEWS 11	JAN 17	Pre-1988 INPI data added to MARPAT
NEWS 12	JAN 17	IPC 8 in the WPI family of databases including WPIFV
NEWS 13	JAN 30	Saved answer limit increased
NEWS 14	JAN 31	Monthly current-awareness alert (SDI) frequency added to TULSA
NEWS 15	FEB 21	STN AnaVist, Version 1.1, lets you share your STN AnaVist visualization results
NEWS 16	FEB 22	Status of current WO (PCT) information on STN
NEWS 17	FEB 22	The IPC thesaurus added to additional patent databases on STN
NEWS 18	FEB 22	Updates in EPFULL; IPC 8 enhancements added
NEWS 19	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS 20	FEB 28	MEDLINE/LMEDLINE reload improves functionality
NEWS 21	FEB 28	TOXCENTER reloaded with enhancements
NEWS 22	FEB 28	REGISTRY/ZREGISTRY enhanced with more experimental spectral property data
NEWS 23	MAR 01	INSPEC reloaded and enhanced
NEWS 24	MAR 03	Updates in PATDPA; addition of IPC 8 data without attributes
NEWS 25	MAR 08	X.25 communication option no longer available after June 2006

NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT
http://download.cas.org/express/v8.0-Discover/

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Thomas McKenzie

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 17:35:46 ON 08 MAR 2006

=> file reg
FILE 'REGISTRY' ENTERED AT 17:35:56 ON 08 MAR 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 7 MAR 2006 HIGHEST RN 876109-17-0
DICTIONARY FILE UPDATES: 7 MAR 2006 HIGHEST RN 876109-17-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

```
**********************************************************************
*                                                                    *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005. A new display format, IDERL, is now     *
* available and contains the CA role and document type information. *
*                                                                    *
**********************************************************************
```

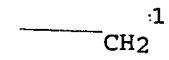
Structure search iteration limits have been increased. See HELP SLIMITS for details.

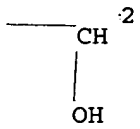
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

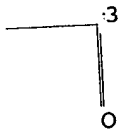
http://www.cas.org/ONLINE/UG/regprops.html

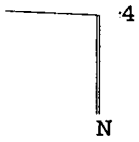
=>
Uploading C:\Documents and Settings\tmckenzie\My Documents\10757625.str

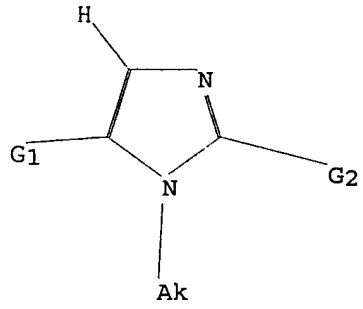
Thomas McKenzie

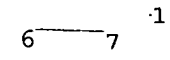


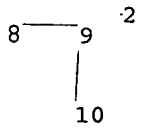


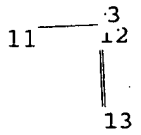


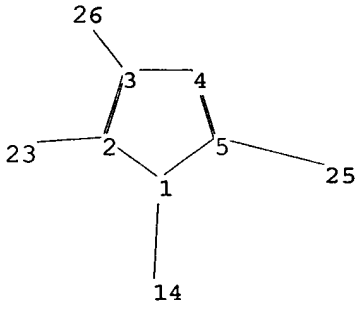


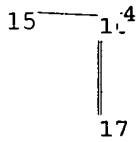












chain nodes :
7 9 10 12 13 14 16 17 23 25 26
ring nodes :
1 2 3 4 5 6 8 11 15
chain bonds :
1-14 2-23 3-26 5-25 6-7 8-9 9-10 11-12 12-13 15-16 16-17
ring bonds :
1-2 1-5 2-3 3-4 4-5
exact/norm bonds :
1-2 1-5 1-14 2-3 2-23 3-4 4-5 5-25 9-10 12-13 16-17
exact bonds :
3-26 6-7 8-9 11-12 15-16

G1:[*1],[*2],[*3],[*4]

G2:O,S,N

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 9:CLASS 10:CLASS
11:Atom 12:CLASS 13:CLASS 14:CLASS 15:Atom 16:CLASS 17:CLASS 23:CLASS
25:CLASS 26:CLASS

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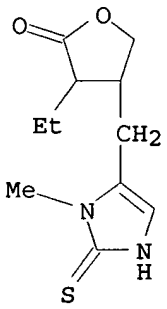
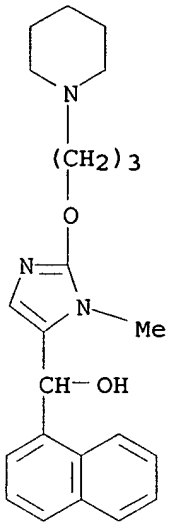
```
L1      STRUCTURE UPLOADED

=> s l1
SAMPLE SEARCH INITIATED 17:36:21 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -     2651 TO ITERATE

 75.4% PROCESSED     2000 ITERATIONS                                 8 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:        49932 TO    56108
PROJECTED ANSWERS:              17 TO      407

L2            8 SEA SSS SAM L1

=> d scan

L2   8 ANSWERS   REGISTRY  COPYRIGHT 2006 ACS on STN
IN   5-Imidazolebutyric acid, α-ethyl-β-(hydroxymethyl)-2-mercapto-1-
     methyl-, γ-lactone (5CI)
MF   C11 H16 N2 O2 S
```




```
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**


HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2   8 ANSWERS   REGISTRY  COPYRIGHT 2006 ACS on STN
IN   1H-Imidazole-5-methanol, 1-methyl-α-1-naphthalenyl-2-[3-(1-
     piperidinyl)propoxy]- (9CI)
MF   C23 H29 N3 O2
```



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

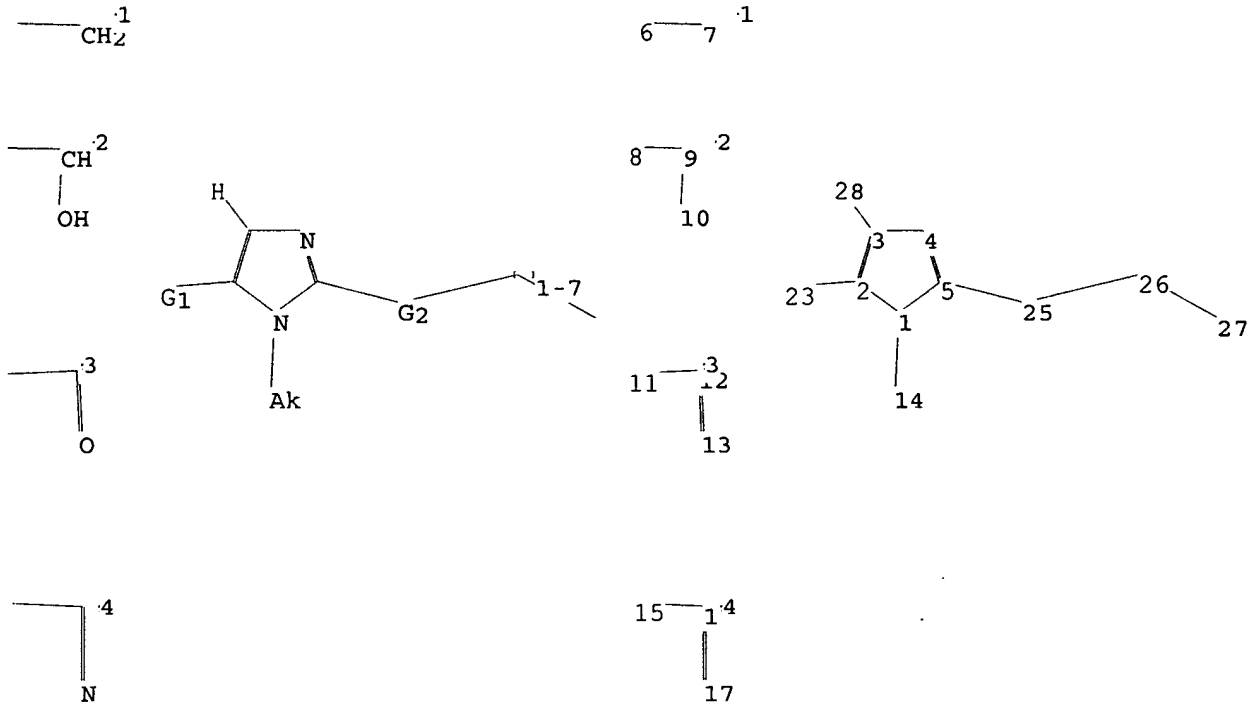
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s l1 full
FULL SEARCH INITIATED 17:36:45 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 54922 TO ITERATE

100.0% PROCESSED 54922 ITERATIONS 174 ANSWERS
SEARCH TIME: 00.00.02

L3 174 SEA SSS FUL L1

=>
Uploading C:\Documents and Settings\tmckenzie\My Documents\10757625A.str



chain nodes :
7 9 10 12 13 14 16 17 23 25 26 28
ring nodes :
1 2 3 4 5 6 8 11 15
ring/chain nodes :
27
chain bonds :
1-14 2-23 3-28 5-25 6-7 8-9 9-10 11-12 12-13 15-16 16-17 25-26 26-27
ring bonds :
1-2 1-5 2-3 3-4 4-5
exact/norm bonds :
1-2 1-5 1-14 2-3 2-23 3-4 4-5 5-25 9-10 12-13 16-17 25-26
exact bonds :
3-28 6-7 8-9 11-12 15-16 26-27

G1:[*1],[*2],[*3],[*4]

G2:O,S,N

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 9:CLASS 10:CLASS
11:Atom 12:CLASS 13:CLASS 14:CLASS 15:Atom 16:CLASS 17:CLASS 23:CLASS
25:CLASS 26:CLASS 27:CLASS 28:CLASS

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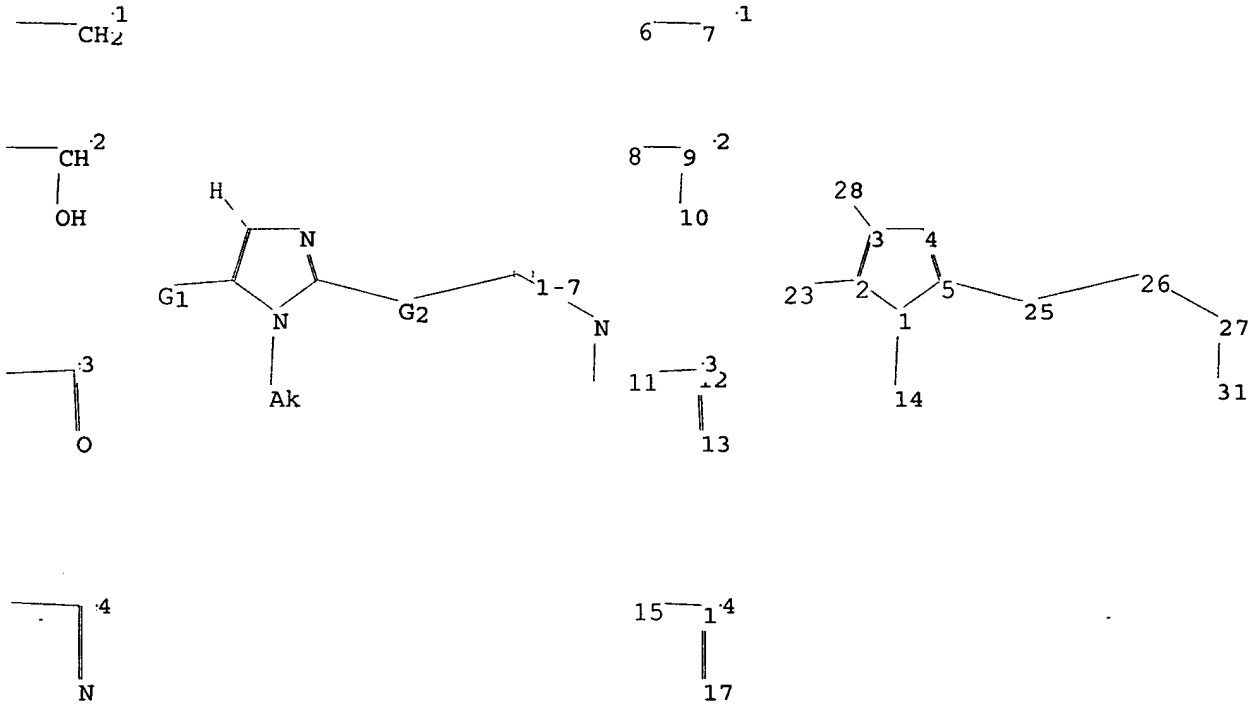
```
L4      STRUCTURE UPLOADED

=> s l4 subset = l3 sample
SAMPLE SUBSET SEARCH INITIATED 17:37:40 FILE 'REGISTRY'
SAMPLE SUBSET SCREEN SEARCH COMPLETED -        8 TO ITERATE

100.0% PROCESSED        8 ITERATIONS                                7 ANSWERS
SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET):           ONLINE  **COMPLETE**
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET):            8 TO      329
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET):               7 TO      298

L5            7 SEA SUB=L3 SSS SAM L4

=> s l4 subset = l3 full
FULL SUBSET SEARCH INITIATED 17:37:52 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED -      174 TO ITERATE

100.0% PROCESSED      174 ITERATIONS                               99 ANSWERS
SEARCH TIME: 00.00.01

L6           99 SEA SUB=L3 SSS FUL L4

=>
Uploading C:\Documents and Settings\tmckenzie\My Documents\10757625b.str
```



chain nodes :
7 9 10 12 13 14 16 17 23 25 26 28 31
ring nodes :
1 2 3 4 5 6 8 11 15
ring/chain nodes :
27
chain bonds :
1-14 2-23 3-28 5-25 6-7 8-9 9-10 11-12 12-13 15-16 16-17 25-26 26-27
27-31
ring bonds :
1-2 1-5 2-3 3-4 4-5
exact/norm bonds :
1-2 1-5 1-14 2-3 2-23 3-4 4-5 5-25 9-10 12-13 16-17 25-26 26-27 27-31
exact bonds :
3-28 6-7 8-9 11-12 15-16

G1:[*1],[*2],[*3],[*4]

G2:O,S,N

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 9:CLASS 10:CLASS
11:Atom 12:CLASS 13:CLASS 14:CLASS 15:Atom 16:CLASS 17:CLASS 23:CLASS
25:CLASS 26:CLASS 27:CLASS 28:CLASS 31:CLASS

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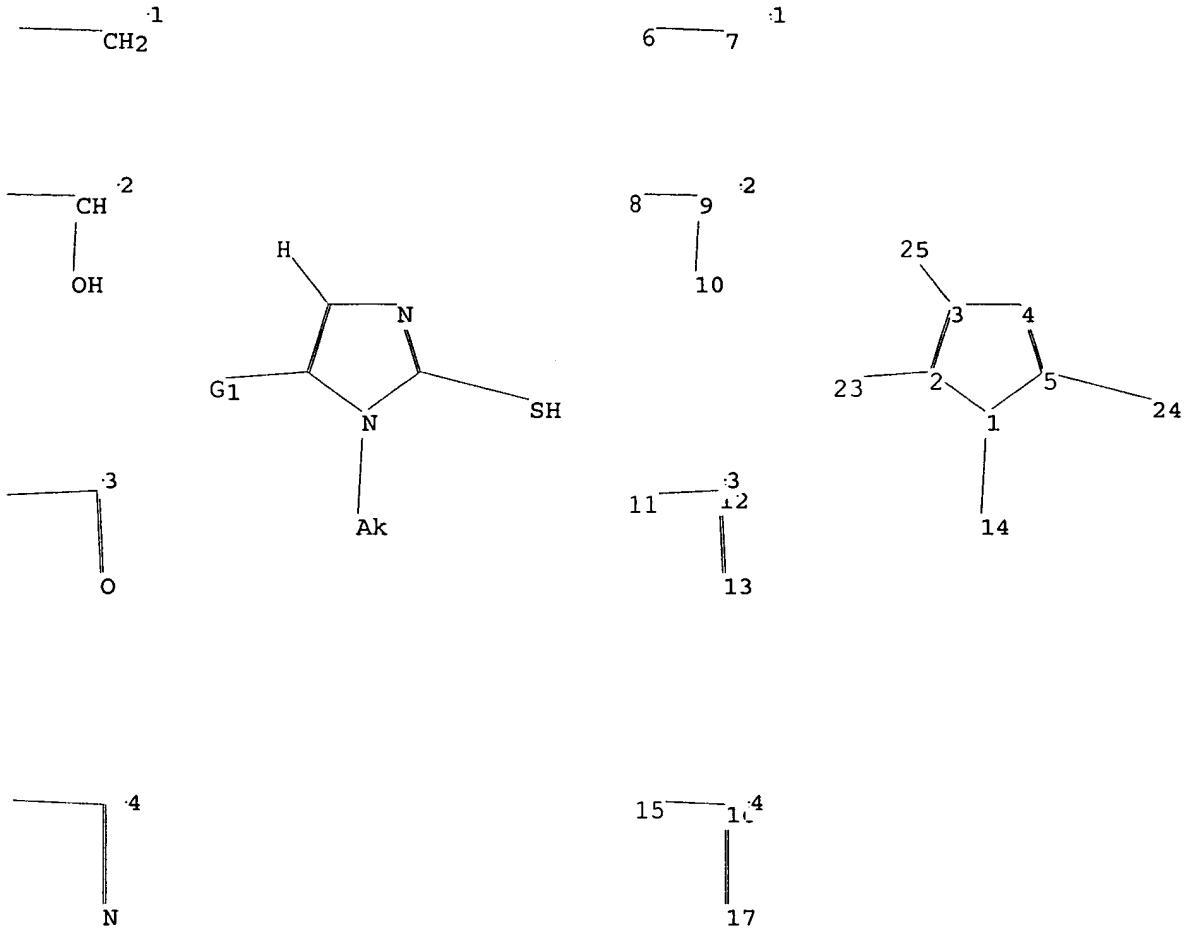
```
L7      STRUCTURE UPLOADED

=> s l7 subset = l3 sample
SAMPLE SUBSET SEARCH INITIATED 17:38:36 FILE 'REGISTRY'
SAMPLE SUBSET SCREEN SEARCH COMPLETED -        0 TO ITERATE

100.0% PROCESSED        0 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET):           ONLINE  **COMPLETE**
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET):            0 TO        0
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET):               0 TO        0

L8             0 SEA SUB=L3 SSS SAM L7

=> s l7 subset = l3 full
FULL SUBSET SEARCH INITIATED 17:38:46 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED -       20 TO ITERATE

100.0% PROCESSED       20 ITERATIONS                               15 ANSWERS
SEARCH TIME: 00.00.01

L9            15 SEA SUB=L3 SSS FUL L7

=>
Uploading C:\Documents and Settings\tmckenzie\My Documents\10757625c.str
```



chain nodes :
7 9 10 12 13 14 16 17 23 24 25
ring nodes :
1 2 3 4 5 6 8 11 15
chain bonds :
1-14 2-23 3-25 5-24 6-7 8-9 9-10 11-12 12-13 15-16 16-17
ring bonds :
1-2 1-5 2-3 3-4 4-5
exact/norm bonds :
1-2 1-5 1-14 2-3 2-23 3-4 4-5 5-24 9-10 12-13 16-17
exact bonds :
3-25 6-7 8-9 11-12 15-16

G1:[*1],[*2],[*3],[*4]

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 9:CLASS 10:CLASS
11:Atom 12:CLASS 13:CLASS 14:CLASS 15:Atom 16:CLASS 17:CLASS 23:CLASS
24:CLASS 25:CLASS

L10 STRUCTURE UPLOADED

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```
=> s l10 subset = l3 sample
SAMPLE SUBSET SEARCH INITIATED 17:39:24 FILE 'REGISTRY'
SAMPLE SUBSET SCREEN SEARCH COMPLETED -        3 TO ITERATE

100.0% PROCESSED        3 ITERATIONS                              1 ANSWERS
SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET):          ONLINE  **COMPLETE**
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET):          3 TO      163
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET):             1 TO       80

L11           1 SEA SUB=L3 SSS SAM L10

=> s l10 subset = l3 full
FULL SUBSET SEARCH INITIATED 17:39:33 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED -      115 TO ITERATE

100.0% PROCESSED      115 ITERATIONS                             30 ANSWERS
SEARCH TIME: 00.00.01

L12           30 SEA SUB=L3 SSS FUL L10

=> file caold caplus; s wo-2002079168?/pn
FILE 'CAOLD' ENTERED AT 17:40:24 ON 08 MAR 2006
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FILE 'CAPLUS' ENTERED AT 17:40:24 ON 08 MAR 2006
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L13           1 WO-2002079168?/PN

=> s l9
L14           2 L9

=> s l14 not l13
L15           1 L14 NOT L13

=> d cbib pi hitstr

L15  ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2006 ACS on STN
2005:1201083  Document No. 143:460319  Scalable, regioselective synthesis of
     imidazole derivatives as histamine H3 receptor ligands.  Jones, Todd K.;
     Mani, Neelakandha (USA).  U.S. Pat. Appl. Publ. US 2005250948 A1 20051110,
     55 pp.  (English).  CODEN: USXXCO.  APPLICATION: US 2005-123631 20050506.
     PRIORITY: US 2004-2004/PV569405 20040507.
     PATENT NO.          KIND   DATE        APPLICATION NO.        DATE
     --------------      ----   --------    --------------------   --------
PI   US 2005250948        A1    20051110    US 2005-123631         20050506
     WO 2005110998        A1    20051124    WO 2005-US16041        20050506
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
             CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
             GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ,
             LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA,
             NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL,
```

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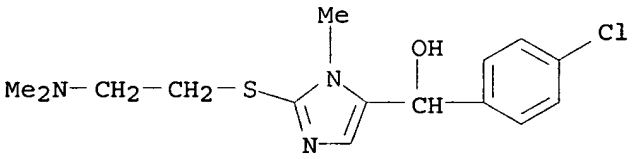
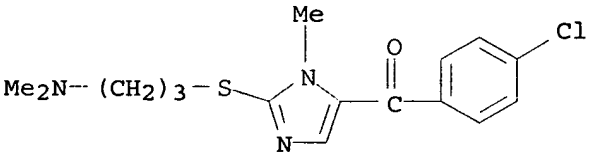
SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

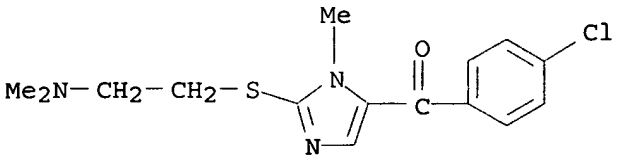
IT **465613-33-6P**
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)
(preparation and oxidation of, with manganese dioxide; scalable, regioselective
synthesis of imidazole derivs. as histamine H3 receptor ligands)
RN 465613-33-6 CAPLUS
CN 1H-Imidazole-5-methanol, α-(4-chlorophenyl)-2-[[2-(dimethylamino)ethyl]thio]-1-methyl- (9CI) (CA INDEX NAME)



IT **465614-56-6P**
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)
(preparation, receptor binding and deoxygenation or S-oxidation of; scalable,
regioselective synthesis of imidazole derivs. as histamine H3 receptor ligands)
RN 465614-56-6 CAPLUS
CN Methanone, (4-chlorophenyl)[2-[[3-(dimethylamino)propyl]thio]-1-methyl-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)

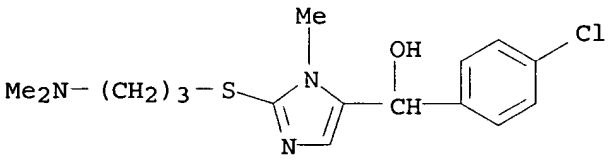


IT **465613-27-8P**
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)
(preparation, receptor binding and oximation of; scalable, regioselective synthesis of imidazole derivs. as histamine H3 receptor ligands)
RN 465613-27-8 CAPLUS
CN Methanone, (4-chlorophenyl)[2-[[2-(dimethylamino)ethyl]thio]-1-methyl-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)

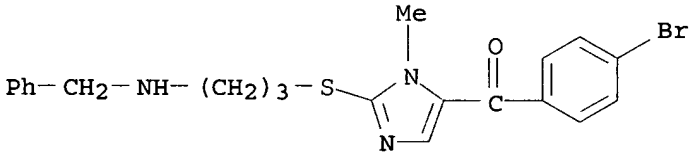


IT **465613-34-7P 465614-89-5P 465615-20-7P**
465615-52-5P 465615-65-0P 465615-89-8P
465617-99-6P 465618-03-5P 465618-15-9P
465618-19-3P 869002-45-9P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(scalable, regioselective synthesis of imidazole derivs. as histamine H3 receptor ligands)

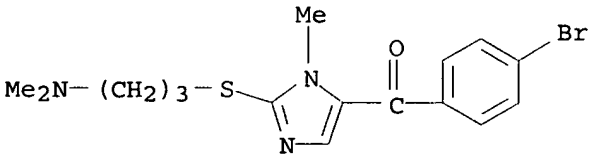
RN 465613-34-7 CAPLUS
CN 1H-Imidazole-5-methanol, α-(4-chlorophenyl)-2-[[3-(dimethylamino)propyl]thio]-1-methyl- (9CI) (CA INDEX NAME)



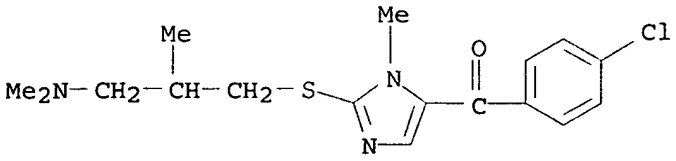
RN 465614-89-5 CAPLUS
CN Methanone, (4-bromophenyl)[1-methyl-2-[[3-[(phenylmethyl)amino]propyl]thio]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



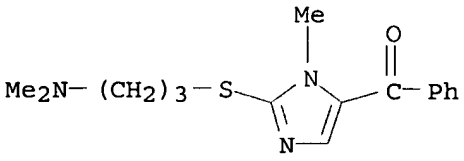
RN 465615-20-7 CAPLUS
CN Methanone, (4-bromophenyl)[2-[[3-(dimethylamino)propyl]thio]-1-methyl-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



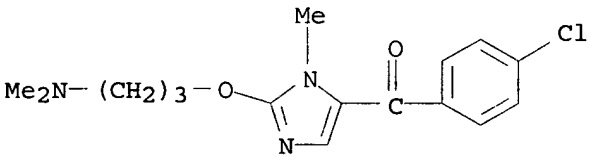
RN 465615-52-5 CAPLUS
CN Methanone, (4-chlorophenyl)[2-[[3-(dimethylamino)-2-methylpropyl]thio]-1-methyl-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



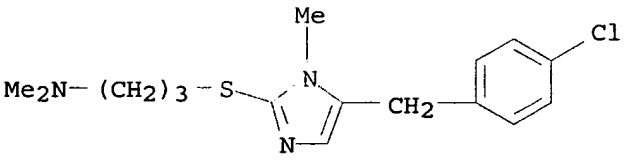
RN 465615-65-0 CAPLUS
CN Methanone, [2-[[3-(dimethylamino)propyl]thio]-1-methyl-1H-imidazol-5-yl]phenyl- (9CI) (CA INDEX NAME)



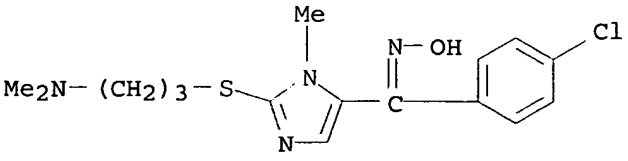
RN 465615-89-8 CAPLUS
CN Methanone, (4-chlorophenyl)[2-[3-(dimethylamino)propoxy]-1-methyl-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



RN 465617-99-6 CAPLUS
CN 1-Propanamine, 3-[[5-[(4-chlorophenyl)methyl]-1-methyl-1H-imidazol-2-yl]thio]-N,N-dimethyl- (9CI) (CA INDEX NAME)

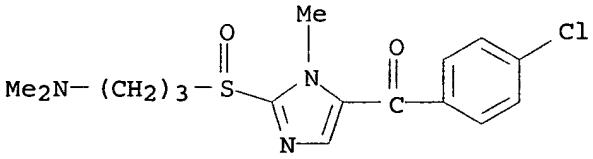


RN 465618-03-5 CAPLUS
CN Methanone, (4-chlorophenyl)[2-[[3-(dimethylamino)propyl]thio]-1-methyl-1H-imidazol-5-yl]-, oxime (9CI) (CA INDEX NAME)

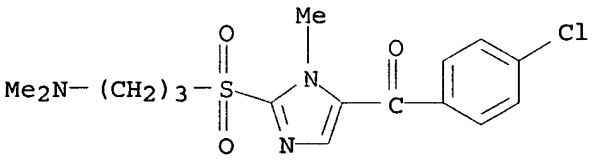


Thomas McKenzie

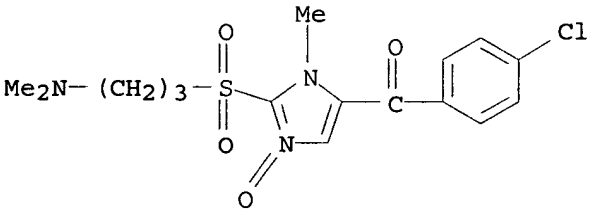
RN 465618-15-9 CAPLUS
CN Methanone, (4-chlorophenyl)[2-[[3-(dimethylamino)propyl]sulfinyl]-1-methyl-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



RN 465618-19-3 CAPLUS
CN Methanone, (4-chlorophenyl)[2-[[3-(dimethylamino)propyl]sulfonyl]-1-methyl-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



RN 869002-45-9 CAPLUS
CN Methanone, (4-chlorophenyl)[2-[[3-(dimethylamino)propyl]sulfonyl]-1-methyl-3-oxido-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



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L16 14 L12

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L17 13 L16 NOT L13

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SORT ENTIRE ANSWER SET? (Y)/N:.
PROCESSING COMPLETED FOR L17
L18 13 SORT L17 PY

=> d 1-5 cbib pi hitstr

L18 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
1953:25396 Document No. 47:25396 Original Reference No. 47:4345g-i,4346a-b
Synthesis of δ-coniceine. Winterfeld, Karl; Muller, Erich (Univ.

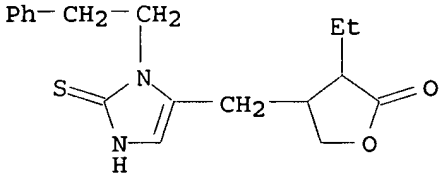
Thomas McKenzie

Bonn, Germany). Arch. Pharm., 284, 269-76 (Unavailable) 1951.

IT **858221-09-7**, 5-Imidazolebutyric acid, α-ethyl-β-(hydroxymethyl)-2-mercapto-1-phenethyl-, γ-lactone **858221-13-3**, 5-Imidazolebutyric acid, 1-benzyl-α-ethyl-β-(hydroxymethyl)-2-mercapto-, γ-lactone **872784-26-4**, 5-Imidazolebutyric acid, β-(hydroxymethyl)-2-mercapto-1-methyl-α-propyl-, γ-lactone **872784-27-5**, 5-Imidazolebutyric acid, β-(hydroxymethyl)-2-mercapto-1-methyl-, γ-lactone **872784-28-6**, 5-Imidazolebutyric acid, β-(hydroxymethyl)-α-isopropyl-2-mercapto-1-methyl-, γ-lactone
(preparation of)

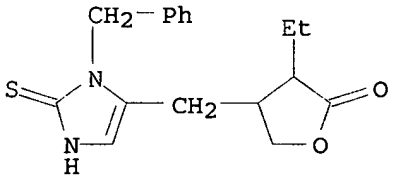
RN 858221-09-7 CAPLUS

CN 5-Imidazolebutyric acid, α-ethyl-β-(hydroxymethyl)-2-mercapto-1-phenethyl-, γ-lactone (5CI) (CA INDEX NAME)



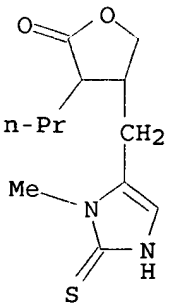
RN 858221-13-3 CAPLUS

CN 5-Imidazolebutyric acid, 1-benzyl-α-ethyl-β-(hydroxymethyl)-2-mercapto-, γ-lactone (5CI) (CA INDEX NAME)



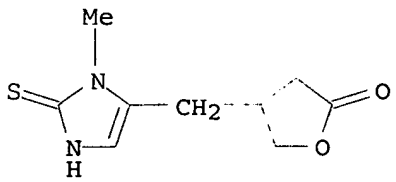
RN 872784-26-4 CAPLUS

CN 5-Imidazolebutyric acid, β-(hydroxymethyl)-2-mercapto-1-methyl-α-propyl-, γ-lactone (5CI) (CA INDEX NAME)

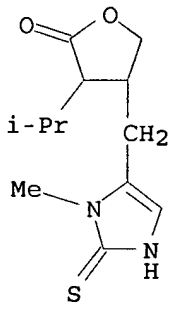


RN 872784-27-5 CAPLUS

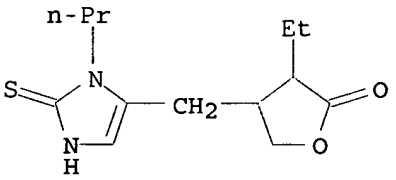
CN 5-Imidazolebutyric acid, β-(hydroxymethyl)-2-mercapto-1-methyl-, γ-lactone (5CI) (CA INDEX NAME)



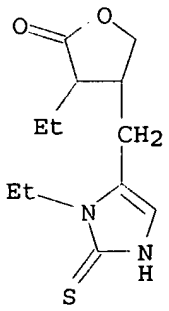
RN 872784-28-6 CAPLUS
CN 5-Imidazolebutyric acid, β-(hydroxymethyl)-α-isopropyl-2-mercapto-1-methyl-, γ-lactone (5CI) (CA INDEX NAME)



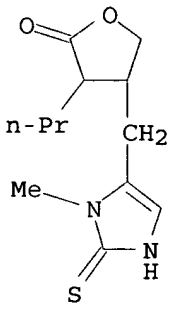
L18 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
1953:25395 Document No. 47:25395 Original Reference No. 47:4345c-g New method of preparation of pilocarpine alkaloids. Preobrazhenskii, N. A.; Maurit, M. E.; Smirnova, G. V. Doklady Akademii Nauk SSSR, 81, 613-16 (Unavailable) 1951. CODEN: DANKAS. ISSN: 0002-3264.
IT **858221-07-5**, 5-Imidazolebutyric acid, α-ethyl-β-(hydroxymethyl)-2-mercapto-1-propyl-, γ-lactone **858221-11-1**, 5-Imidazolebutyric acid, α,1-diethyl-β-(hydroxymethyl)-2-mercapto-, γ-lactone **872784-26-4**, 5-Imidazolebutyric acid, β-(hydroxymethyl)-2-mercapto-1-methyl-α-propyl-, γ-lactone **872784-27-5**, 5-Imidazolebutyric acid, β-(hydroxymethyl)-2-mercapto-1-methyl-, γ-lactone **872784-28-6**, 5-Imidazolebutyric acid, β-(hydroxymethyl)-α-isopropyl-2-mercapto-1-methyl-, γ-lactone
(preparation of)
RN 858221-07-5 CAPLUS
CN 5-Imidazolebutyric acid, α-ethyl-β-(hydroxymethyl)-2-mercapto-1-propyl-, γ-lactone (5CI) (CA INDEX NAME)



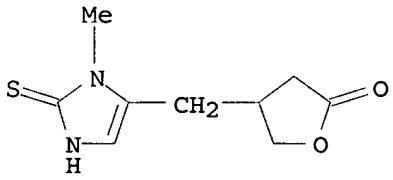
RN 858221-11-1 CAPLUS
CN 5-Imidazolebutyric acid, α,1-diethyl-β-(hydroxymethyl)-2-mercapto-, γ-lactone (5CI) (CA INDEX NAME)



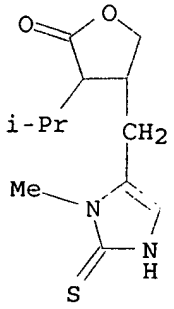
RN 872784-26-4 CAPLUS
CN 5-Imidazolebutyric acid, β-(hydroxymethyl)-2-mercapto-1-methyl-α-propyl-, γ-lactone (5CI) (CA INDEX NAME)



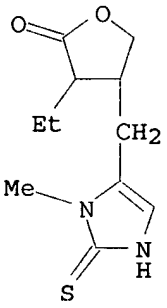
RN 872784-27-5 CAPLUS
CN 5-Imidazolebutyric acid, β-(hydroxymethyl)-2-mercapto-1-methyl-, γ-lactone (5CI) (CA INDEX NAME)



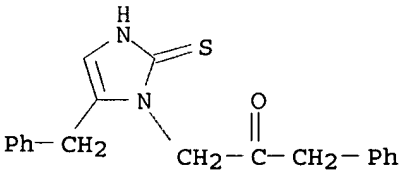
RN 872784-28-6 CAPLUS
CN 5-Imidazolebutyric acid, β-(hydroxymethyl)-α-isopropyl-2-mercapto-1-methyl-, γ-lactone (5CI) (CA INDEX NAME)



IT **858221-10-0**, 5-Imidazolebutyric acid, α-ethyl-β-(hydroxymethyl)-2-mercapto-1-methyl-, γ-lactone (stereoisomers)
RN 858221-10-0 CAPLUS
CN 5-Imidazolebutyric acid, α-ethyl-β-(hydroxymethyl)-2-mercapto-1-methyl-, γ-lactone (5CI) (CA INDEX NAME)



L18 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
1956:36053 Document No. 50:36053 Original Reference No. 50:7104g-i,7105a-g 2-Mercaptoglyoxalines. IX. Preparation of 1,5-disubstituted 2-mercaptoglyoxalines from α-amino acids. Lawson, Alexander; Morley, H. V. (Roy. Free Hosp. School Med., London). Journal of the Chemical Society 1695-8 (Unavailable) 1955. CODEN: JCSOA9. ISSN: 0368-1769. OTHER SOURCES: CASREACT 50:36053.
IT **859056-10-3**, 2-Propanone, 1-(5-benzyl-2-mercapto-1-imidazolyl)-3-phenyl-
(preparation of)
RN 859056-10-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED



L18 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN

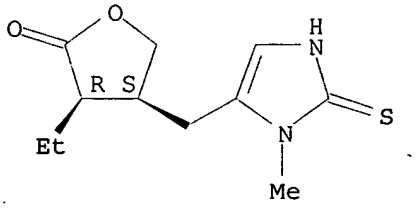
1972:99886 Document No. 76:99886 Improved synthesis of pilocarpine. DeGraw, J. I. (Stanford Res. Inst., Menlo Park, CA, USA). Tetrahedron, 28(4), 967-72 (English) 1972. CODEN: TETRAB. ISSN: 0040-4020. OTHER SOURCES: CASREACT 76:99886.

IT **35594-22-0P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 35594-22-0 CAPLUS

CN 2(3H)-Furanone, 4-[(2,3-dihydro-3-methyl-2-thioxo-1H-imidazol-4-yl)methyl]-3-ethyldihydro-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



L18 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN

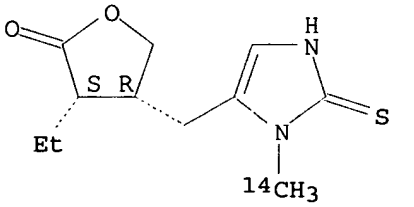
1976:5219 Document No. 84:5219 Synthesis of d-pilocarpine-N-14CH3. DeGraw, Joseph I.; Engstrom, John S.; Willis, Edward (Dep. Pharm. Chem., Stanford Res. Inst., Menlo Park, CA, USA). Journal of Pharmaceutical Sciences, 64(10), 1700-1 (English) 1975. CODEN: JPMSAE. ISSN: 0022-3549.

IT **58073-68-0P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and desulfurization of)

RN 58073-68-0 CAPLUS

CN 2(3H)-Furanone, 4-[[2,3-dihydro-3-(methyl-14C)-2-thioxo-1H-imidazol-4-yl]methyl]-3-ethyldihydro-, (3S-cis)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> d 6-10 cbib pi hitstr

L18 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN

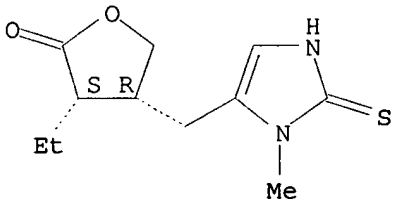
1991:228915 Document No. 114:228915 Preparation of pilocarpine and analogs. Ori, Aiichiro; Imuta, Junichi; Kihara, Noriaki (Mitsui Petrochemical Industries, Ltd., Japan). Eur. Pat. Appl. EP 404175 A1 19901227, 5 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE. (English). CODEN: EPXXDW. APPLICATION: EP 1990-111875 19900622. PRIORITY: JP 1989-158403 19890622.

PATENT NO. KIND DATE APPLICATION NO. DATE

PI	EP 404175	A1	19901227	EP 1990-111875	19900622
	EP 404175	B1	19940427		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	JP 03024077	A2	19910201	JP 1989-158403	19890622
	JP 2771257	B2	19980702		
	CA 2018978	AA	19901222	CA 1990-2018978	19900614
	CA 2018978	C	19970225		
	HU 58080	A2	19920128	HU 1990-3953	19900622
	HU 210053	B	19950130		
	AT 104975	E	19940515	AT 1990-111875	19900622

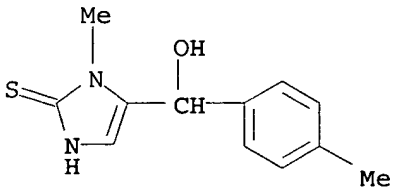
IT **133868-53-8**
RL: RCT (Reactant); RACT (Reactant or reagent)
(desulfurization of, method for)
RN 133868-53-8 CAPLUS
CN 2(3H)-Furanone, 4-[(2,3-dihydro-3-methyl-2-thioxo-1H-imidazol-4-yl)methyl]-3-ethyldihydro-, (3S-cis)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

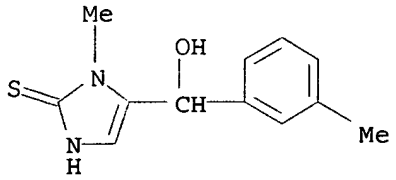


L18 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
1991:42649 Document No. 114:42649 Preparation of 5-substituted 2-mercapto-1-methylimidazoles. Direct metalation of 2-mercapto-1-methylimidazole. Phillips, Brian T.; Claremon, David A.; Varga, Sandor L. (Dep. Med. Chem., Merck Sharp and Dohme Res. Lab., West Point, PA, 19486, USA). Synthesis (9), 761-3 (English) 1990. CODEN: SYNTBF. ISSN: 0039-7881. OTHER SOURCES: CASREACT 114:42649.

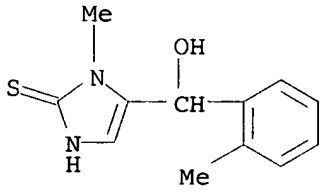
IT **131470-52-5P 131470-53-6P 131470-54-7P**
131470-56-9P 131470-57-0P 131470-58-1P
131470-59-2P 131470-62-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 131470-52-5 CAPLUS
CN 2H-Imidazole-2-thione, 1,3-dihydro-5-[hydroxy(4-methylphenyl)methyl]-1-methyl- (9CI) (CA INDEX NAME)



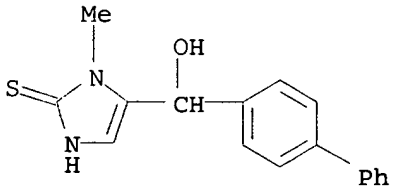
RN 131470-53-6 CAPLUS
CN 2H-Imidazole-2-thione, 1,3-dihydro-5-[hydroxy(3-methylphenyl)methyl]-1-methyl- (9CI) (CA INDEX NAME)



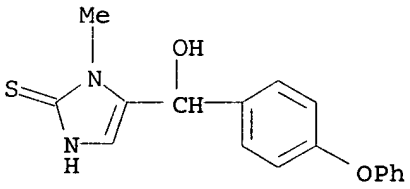
RN 131470-54-7 CAPLUS
CN 2H-Imidazole-2-thione, 1,3-dihydro-5-[hydroxy(2-methylphenyl)methyl]-1-methyl- (9CI) (CA INDEX NAME)



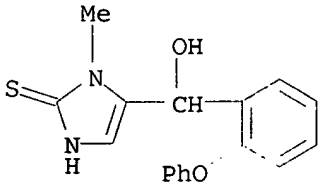
RN 131470-56-9 CAPLUS
CN 2H-Imidazole-2-thione, 5-([1,1'-biphenyl]-4-ylhydroxymethyl)-1,3-dihydro-1-methyl- (9CI) (CA INDEX NAME)



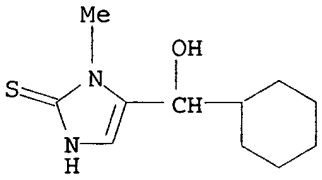
RN 131470-57-0 CAPLUS
CN 2H-Imidazole-2-thione, 1,3-dihydro-5-[hydroxy(4-phenoxyphenyl)methyl]-1-methyl- (9CI) (CA INDEX NAME)



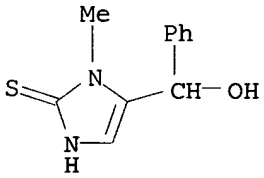
RN 131470-58-1 CAPLUS
CN 2H-Imidazole-2-thione, 1,3-dihydro-5-[hydroxy(2-phenoxyphenyl)methyl]-1-methyl- (9CI) (CA INDEX NAME)



RN 131470-59-2 CAPLUS
CN 2H-Imidazole-2-thione, 5-(cyclohexylhydroxymethyl)-1,3-dihydro-1-methyl- (9CI) (CA INDEX NAME)



RN 131470-62-7 CAPLUS
CN 2H-Imidazole-2-thione, 1,3-dihydro-5-(hydroxyphenylmethyl)-1-methyl- (9CI) (CA INDEX NAME)

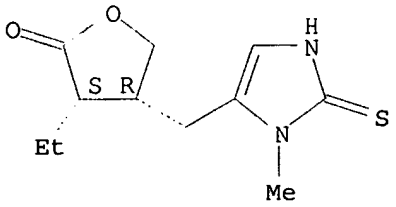


L18 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
1992:106296 Document No. 116:106296 Preparation of (furanylmethyl)imidazole derivatives as intermediates for antiglaucoma pilocarpines. Imuda, Junichi; Ori, Aiichiro; Kihara, Noriaki (Mitsui Petrochemical Industries, Ltd., Japan). Jpn. Kokai Tokkyo Koho JP 03218374 A2 19910925 Heisei, 4 pp. (Japanese). CODEN: JKXXAF. APPLICATION: JP 1990-311335 19901119. PRIORITY: JP 1989-300750 19891121.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 03218374	A2	19910925	JP 1990-311335	19901119
	JP 3037399	B2	20000424		

IT **133868-53-8P**, d-2-Mercaptopilocarpine
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as intermediates for pilocarpines)
RN 133868-53-8 CAPLUS
CN 2(3H)-Furanone, 4-[(2,3-dihydro-3-methyl-2-thioxo-1H-imidazol-4-yl)methyl]-3-ethyldihydro-, (3S-cis)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

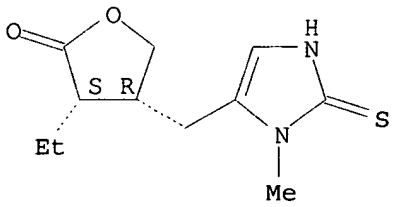


L18 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
1994:579582 Document No. 121:179582 preparation of mercaptoimidazoles as intermediates for pilocarpine analogs. Ori, Aiichiro (Mitsui Petrochemical Industries, Co., Ltd., Japan). Jpn. Kokai Tokkyo Koho JP 06157497 A2 19940603 Heisei, 4 pp. (Japanese). CODEN: JKXXAF.
APPLICATION: JP 1992-319112 19921127.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 06157497	A2	19940603	JP 1992-319112	19921127

IT **133868-53-8P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as intermediate for pilocarpine derivs.)
RN 133868-53-8 CAPLUS
CN 2(3H)-Furanone, 4-[(2,3-dihydro-3-methyl-2-thioxo-1H-imidazol-4-yl)methyl]-3-ethyldihydro-, (3S-cis)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



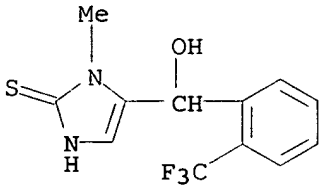
L18 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
1996:155494 Document No. 124:202304 Preparation of α-(acyloxy)benzylheteroaromatics and analogs as herbicides. Chin, Hsiao-Ling Mao; Wei, Yi-Qui; Nguyen, Nhan Huy; Kanne, David Braun (Zeneca Ltd., UK). PCT Int. Appl. WO 9529898 A1 19951109, 82 pp. DESIGNATED STATES: W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TJ, TT, UA, UZ, VN; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2.
APPLICATION: WO 1995-GB945 19950426. PRIORITY: US 1994-236309 19940502.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9529898	A1	19951109	WO 1995-GB945	19950426
W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TJ, TT, UA, UZ, VN				
RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				

Thomas McKenzie

AU 9523139	A1	19951129	AU 1995-23139	19950426
ZA 9503390	A	19960112	ZA 1995-3390	19950426
EP 758323	A1	19970219	EP 1995-916768	19950426
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
BR 9507595	A	19970916	BR 1995-7595	19950426
US 5670453	A	19970923	US 1995-468893	19950606
US 5672567	A	19970930	US 1996-622179	19960325

IT **174337-22-5P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of α-(acyloxy)benzylheteroaroms. and analogs as herbicides)
RN 174337-22-5 CAPLUS
CN 2H-Imidazole-2-thione, 1,3-dihydro-5-[hydroxy[2-(trifluoromethyl)phenyl]methyl]-1-methyl- (9CI) (CA INDEX NAME)

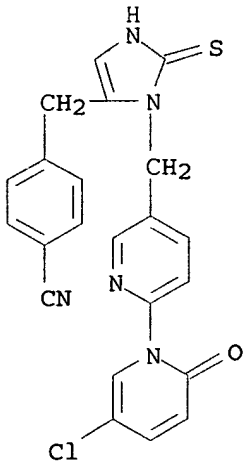


=> d 11-13 cbib pi hitstr

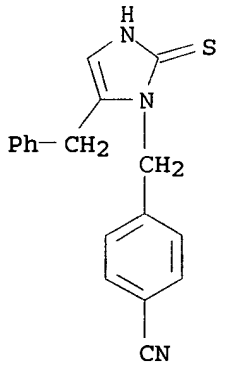
L18 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
2001:392096 Document No. 134:366876 Process for synthesizing biaryl inhibitors of farnesyl-protein transferase. Askin, David; Cowen, Jennifer A.; Maligres, Peter E.; McWilliams, J. Christopher; Waters, Marjorie S. (Merck & Co., Inc., USA). U.S. US 6239280 B1 20010529, 20 pp. (English). CODEN: USXXAM. APPLICATION: US 1999-345209 19990630.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6239280	B1	20010529	US 1999-345209	19990630

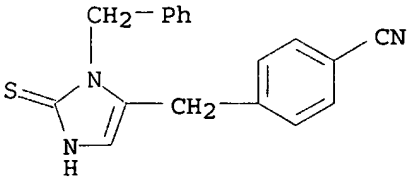
PI US 6239280 B1 20010529 US 1999-345209 19990630
IT **340268-90-8P**
RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of biaryl-substituted imidazoles)
RN 340268-90-8 CAPLUS
CN Benzonitrile, 4-[[3-[(5-chloro-2-oxo[1(2H),2'-bipyridin]-5'-yl)methyl]-2,3-dihydro-2-thioxo-1H-imidazol-4-yl]methyl]- (9CI) (CA INDEX NAME)



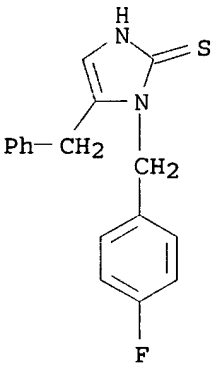
L18 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
2003:342557 Document No. 139:133533 Preparation of a clinically investigated ras farnesyl transferase inhibitor. Maligres, Peter E.; Waters, Marjorie S.; Weissman, Steven A.; McWilliams, J. Christopher; Lewis, Stephanie; Cowen, Jennifer; Reamer, Robert A.; Volante, R. P.; Reider, Paul J.; Askin, David (Dep. Process Research, Merck Research Laboratories, Merck & Co., Inc., Rahway, NJ, 07065, USA). Journal of Heterocyclic Chemistry, 40(2), 229-241 (English) 2003. CODEN: JHTCAD. ISSN: 0022-152X. OTHER SOURCES: CASREACT 139:133533. Publisher: HeteroCorporation.
IT **565427-82-9P 565428-08-2P 565428-09-3P**
565428-11-7P 565428-15-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of a ras farnesyl transferase inhibitor from 4-(bromomethyl)benzonitrile via an improved Marckwald imidazole synthesis, dethionation, and Mitsunobu cyclization)
RN 565427-82-9 CAPLUS
CN Benzonitrile, 4-[[2,3-dihydro-5-(phenylmethyl)-2-thioxo-1H-imidazol-1-yl]methyl]- (9CI) (CA INDEX NAME)



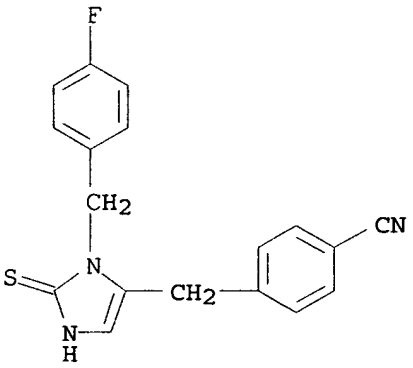
RN 565428-08-2 CAPLUS
CN Benzonitrile, 4-[[2,3-dihydro-3-(phenylmethyl)-2-thioxo-1H-imidazol-4-yl]methyl]- (9CI) (CA INDEX NAME)



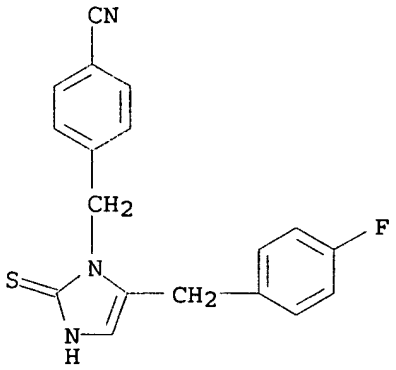
RN 565428-09-3 CAPLUS
CN 2H-Imidazole-2-thione, 1-[(4-fluorophenyl)methyl]-1,3-dihydro-5-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 565428-11-7 CAPLUS
CN Benzonitrile, 4-[[3-[(4-fluorophenyl)methyl]-2,3-dihydro-2-thioxo-1H-imidazol-4-yl]methyl]- (9CI) (CA INDEX NAME)



RN 565428-15-1 CAPLUS
CN Benzonitrile, 4-[[5-[(4-fluorophenyl)methyl]-2,3-dihydro-2-thioxo-1H-imidazol-1-yl]methyl]- (9CI) (CA INDEX NAME)



L18 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
2005:1201083 Document No. 143:460319 Scalable, regioselective synthesis of imidazole derivatives as histamine H3 receptor ligands. Jones, Todd K.; Mani, Neelakandha (USA). U.S. Pat. Appl. Publ. US 2005250948 A1 20051110, 55 pp. (English). CODEN: USXXCO. APPLICATION: US 2005-123631 20050506. PRIORITY: US 2004-2004/PV569405 20040507.

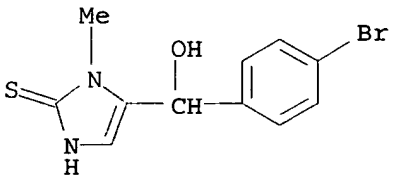
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005250948	A1	20051110	US 2005-123631	20050506
	WO 2005110998	A1	20051124	WO 2005-US16041	20050506

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

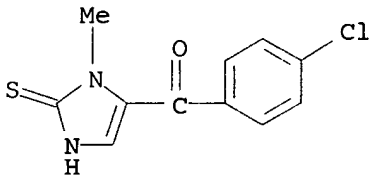
IT **465613-36-9P**
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)
(preparation and S-alkylation of; scalable, regioselective synthesis of imidazole derivs. as histamine H3 receptor ligands)

RN 465613-36-9 CAPLUS
CN 2H-Imidazole-2-thione, 5-[(4-bromophenyl)hydroxymethyl]-1,3-dihydro-1-methyl- (9CI) (CA INDEX NAME)

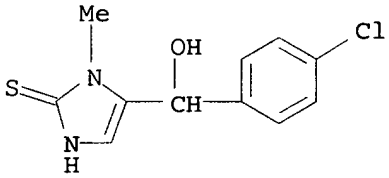


IT **465615-44-5P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT

(Reactant or reagent)
(preparation and S-alkylation of; scalable, regioselective synthesis of imidazole derivs. as histamine H3 receptor ligands)
RN 465615-44-5 CAPLUS
CN Methanone, (4-chlorophenyl)(2,3-dihydro-3-methyl-2-thioxo-1H-imidazol-4-yl)- (9CI) (CA INDEX NAME)



IT **465613-31-4P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(scalable, regioselective synthesis of imidazole derivs. as histamine H3 receptor ligands)
RN 465613-31-4 CAPLUS
CN 2H-Imidazole-2-thione, 5-[(4-chlorophenyl)hydroxymethyl]-1,3-dihydro-1-methyl- (9CI) (CA INDEX NAME)



=>
=> s l6
L19 6 L6

=> s l19 not l13
L20 5 L19 NOT L13

=> d 1-5 cbib pi hitstr

L20 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
2005:1201083 Document No. 143:460319 Scalable, regioselective synthesis of imidazole derivatives as histamine H3 receptor ligands. Jones, Todd K.; Mani, Neelakandha (USA). U.S. Pat. Appl. Publ. US 2005250948 A1 20051110, 55 pp. (English). CODEN: USXXCO. APPLICATION: US 2005-123631 20050506. PRIORITY: US 2004-2004/PV569405 20040507.

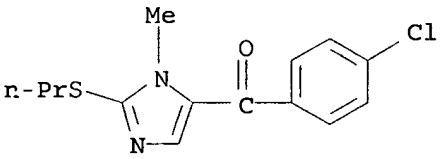
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2005250948	A1	20051110	US 2005-123631	20050506
WO 2005110998	A1	20051124	WO 2005-US16041	20050506

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL,

SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

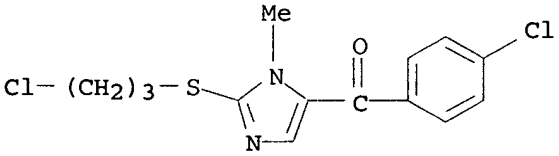
IT **465615-73-0P**
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)
(preparation and S-oxidation of; scalable, regioselective synthesis of imidazole derivs. as histamine H3 receptor ligands)

RN 465615-73-0 CAPLUS
CN Methanone, (4-chlorophenyl)[1-methyl-2-(propylthio)-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



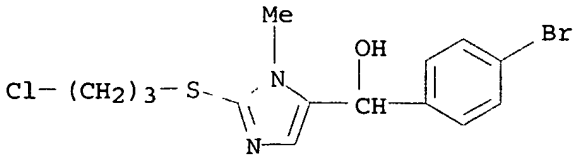
IT **465614-65-7P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and amination of, with dimethylamine; scalable, regioselective synthesis of imidazole derivs. as histamine H3 receptor ligands)

RN 465614-65-7 CAPLUS
CN Methanone, (4-chlorophenyl)[2-[(3-chloropropyl)thio]-1-methyl-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)

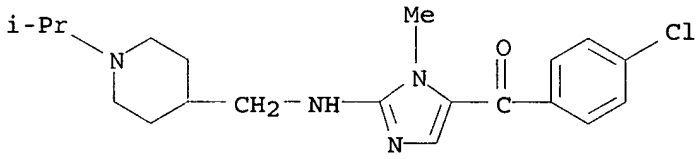


IT **465614-69-1P**
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)
(preparation and amination of, with piperidine; scalable, regioselective synthesis of imidazole derivs. as histamine H3 receptor ligands)

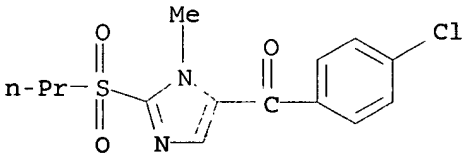
RN 465614-69-1 CAPLUS
CN 1H-Imidazole-5-methanol, α-(4-bromophenyl)-2-[(3-chloropropyl)thio]-1-methyl- (9CI) (CA INDEX NAME)



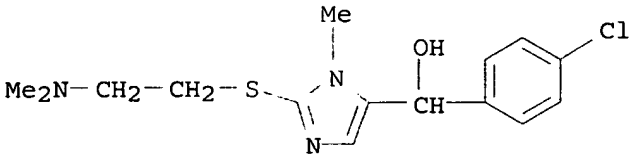
IT **869002-72-2P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation and desilylation of; scalable, regioselective synthesis of imidazole derivs. as histamine H3 receptor ligands)
RN 869002-72-2 CAPLUS
CN Methanone, (4-chlorophenyl)[1-methyl-2-[[[1-(1-methylethyl)-4-piperidinyl]methyl]amino]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



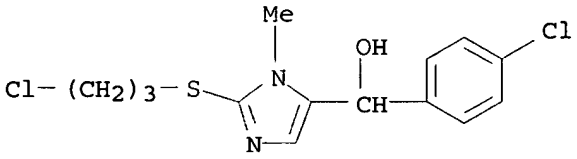
IT **465615-75-2P**
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)
(preparation and nucleophilic displacement of, by piperidinemethoxide derivative; scalable, regioselective synthesis of imidazole derivs. as histamine H3 receptor ligands)
RN 465615-75-2 CAPLUS
CN Methanone, (4-chlorophenyl)[1-methyl-2-(propylsulfonyl)-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



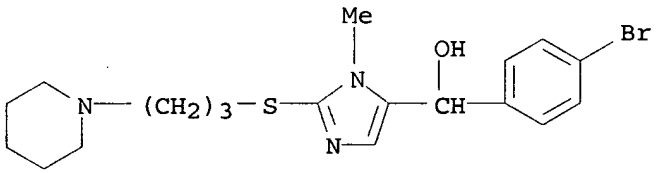
IT **465613-33-6P 465614-60-2P 465614-73-7P**
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)
(preparation and oxidation of, with manganese dioxide; scalable, regioselective
synthesis of imidazole derivs. as histamine H3 receptor ligands)
RN 465613-33-6 CAPLUS
CN 1H-Imidazole-5-methanol, α-(4-chlorophenyl)-2-[[2-(dimethylamino)ethyl]thio]-1-methyl- (9CI) (CA INDEX NAME)



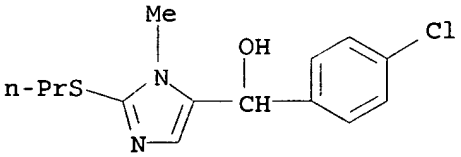
RN 465614-60-2 CAPLUS
CN 1H-Imidazole-5-methanol, α-(4-chlorophenyl)-2-[(3-chloropropyl)thio]-1-methyl- (9CI) (CA INDEX NAME)



RN 465614-73-7 CAPLUS
CN 1H-Imidazole-5-methanol, α-(4-bromophenyl)-1-methyl-2-[[3-(1-piperidinyl)propyl]thio]- (9CI) (CA INDEX NAME)



IT **465615-72-9P**
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)
(preparation and oxidation of; scalable, regioselective synthesis of imidazole
derivs. as histamine H3 receptor ligands)
RN 465615-72-9 CAPLUS
CN 1H-Imidazole-5-methanol, α-(4-chlorophenyl)-1-methyl-2-(propylthio)-(9CI) (CA INDEX NAME)

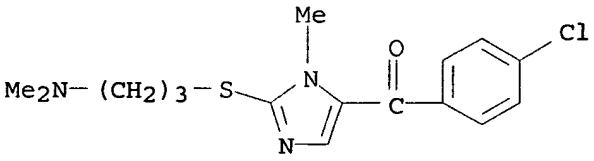


IT **465614-56-6P**
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)
(preparation, receptor binding and deoxygenation or S-oxidation of; scalable,

regioselective synthesis of imidazole derivs. as histamine H3 receptor ligands)

RN 465614-56-6 CAPLUS

CN Methanone, (4-chlorophenyl)[2-[[3-(dimethylamino)propyl]thio]-1-methyl-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



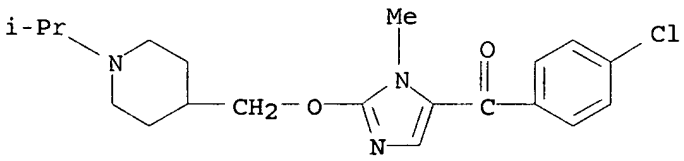
IT **465615-69-4P**

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)

(preparation, receptor binding and maleate salt formation of; scalable, regioselective synthesis of imidazole derivs. as histamine H3 receptor ligands)

RN 465615-69-4 CAPLUS

CN Methanone, (4-chlorophenyl)[1-methyl-2-[[1-(1-methylethyl)-4-piperidinyl]methoxy]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



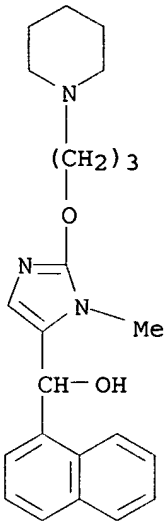
IT **465617-14-5P**

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)

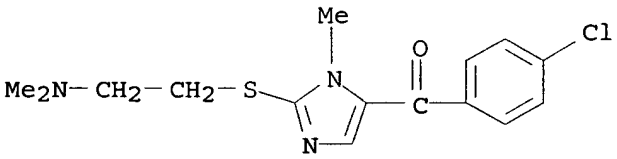
(preparation, receptor binding and oxidation of; scalable, regioselective synthesis of imidazole derivs. as histamine H3 receptor ligands)

RN 465617-14-5 CAPLUS

CN 1H-Imidazole-5-methanol, 1-methyl-α-1-naphthalenyl-2-[3-(1-piperidinyl)propoxy]- (9CI) (CA INDEX NAME)



IT **465613-27-8P**
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)
(preparation, receptor binding and oximation of; scalable, regioselective synthesis of imidazole derivs. as histamine H3 receptor ligands)
RN 465613-27-8 CAPLUS
CN Methanone, (4-chlorophenyl)[2-[[2-(dimethylamino)ethyl]thio]-1-methyl-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



IT **465613-34-7P 465613-37-0P 465613-39-2P**
465613-47-2P 465614-22-6P 465614-28-2P
465614-39-5P 465614-44-2P 465614-77-1P
465614-81-7P 465614-85-1P 465614-89-5P
465614-93-1P 465614-98-6P 465615-02-5P
465615-20-7P 465615-25-2P 465615-30-9P
465615-32-1P 465615-36-5P 465615-40-1P
465615-52-5P 465615-61-6P 465615-65-0P
465615-79-6P 465615-80-9P 465615-81-0P
465615-83-2P 465615-85-4P 465615-89-8P
465615-93-4P 465615-97-8P 465616-01-7P
465616-05-1P 465616-09-5P 465616-13-1P
465616-19-7P 465616-23-3P 465616-27-7P
465616-31-3P 465616-35-7P 465616-39-1P
465616-95-9P 465617-00-9P 465617-26-9P
465617-30-5P 465617-34-9P 465617-39-4P
465617-43-0P 465617-47-4P 465617-58-7P
465617-62-3P 465617-66-7P 465617-70-3P
465617-74-7P 465617-78-1P 465617-82-7P

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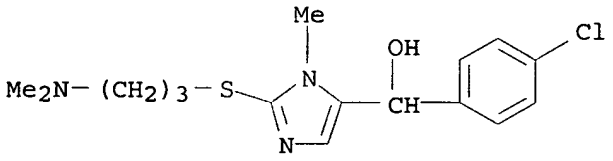
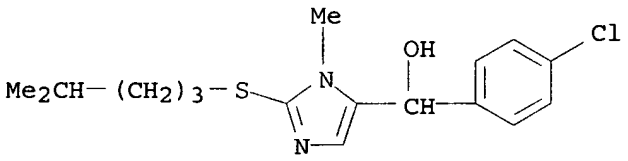
465617-86-1P 465617-90-7P 465617-94-1P
465617-99-6P 465618-03-5P 465618-15-9P
465618-19-3P 807614-68-2P 869002-39-1P
869002-40-4P 869002-45-9P 869002-47-1P
869002-54-0P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(scalable, regioselective synthesis of imidazole derivs. as histamine H3 receptor ligands)

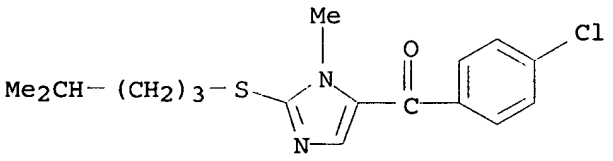
RN 465613-34-7 CAPLUS
CN 1H-Imidazole-5-methanol, α-(4-chlorophenyl)-2-[[3-(dimethylamino)propyl]thio]-1-methyl- (9CI) (CA INDEX NAME)



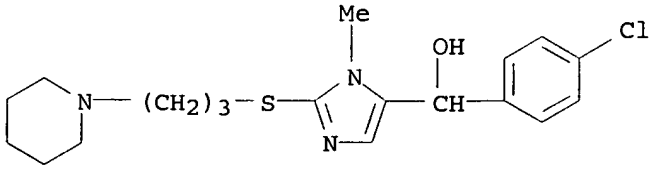
RN 465613-37-0 CAPLUS
CN 1H-Imidazole-5-methanol, α-(4-chlorophenyl)-1-methyl-2-[(4-methylpentyl)thio]- (9CI) (CA INDEX NAME)



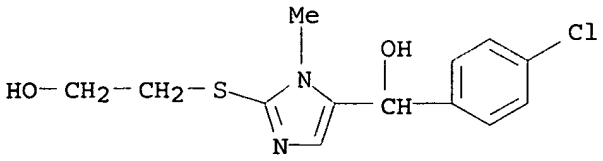
RN 465613-39-2 CAPLUS
CN Methanone, (4-chlorophenyl)[1-methyl-2-[(4-methylpentyl)thio]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



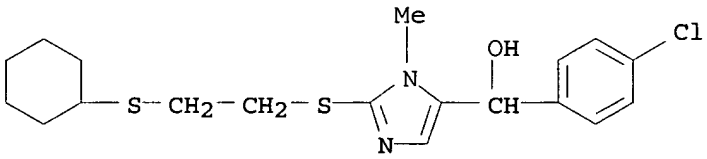
RN 465613-47-2 CAPLUS
CN 1H-Imidazole-5-methanol, α-(4-chlorophenyl)-1-methyl-2-[[3-(1-piperidinyl)propyl]thio]- (9CI) (CA INDEX NAME)



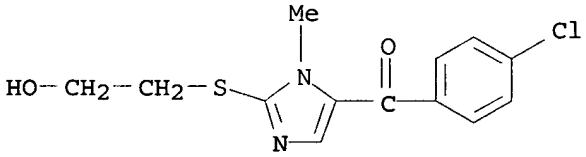
RN 465614-22-6 CAPLUS
CN 1H-Imidazole-5-methanol, α-(4-chlorophenyl)-2-[(2-hydroxyethyl)thio]-1-methyl- (9CI) (CA INDEX NAME)



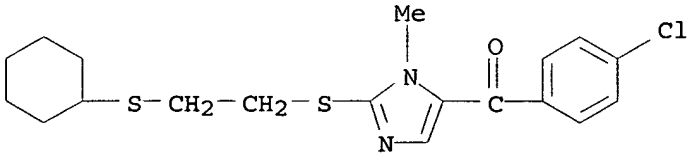
RN 465614-28-2 CAPLUS
CN 1H-Imidazole-5-methanol, α-(4-chlorophenyl)-2-[[2-(cyclohexylthio)ethyl]thio]-1-methyl- (9CI) (CA INDEX NAME)



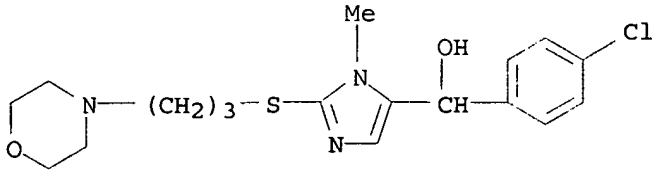
RN 465614-39-5 CAPLUS
CN Methanone, (4-chlorophenyl)[2-[(2-hydroxyethyl)thio]-1-methyl-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



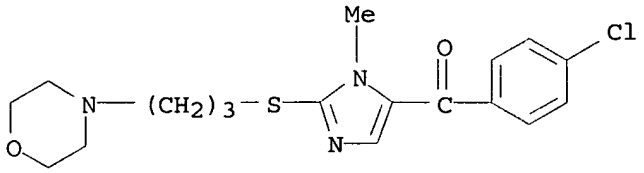
RN 465614-44-2 CAPLUS
CN Methanone, (4-chlorophenyl)[2-[[2-(cyclohexylthio)ethyl]thio]-1-methyl-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



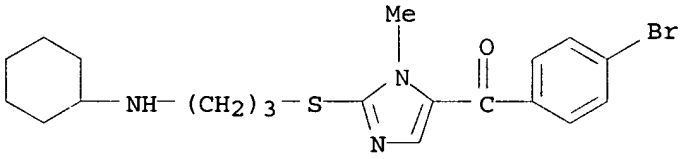
RN 465614-77-1 CAPLUS
CN 1H-Imidazole-5-methanol, α-(4-chlorophenyl)-1-methyl-2-[[3-(4-morpholinyl)propyl]thio]- (9CI) (CA INDEX NAME)



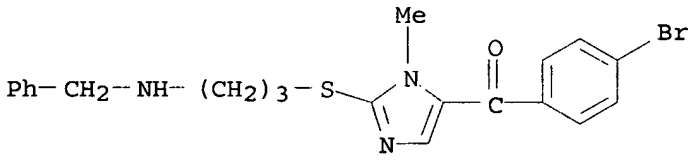
RN 465614-81-7 CAPLUS
CN Methanone, (4-chlorophenyl)[1-methyl-2-[[3-(4-morpholinyl)propyl]thio]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



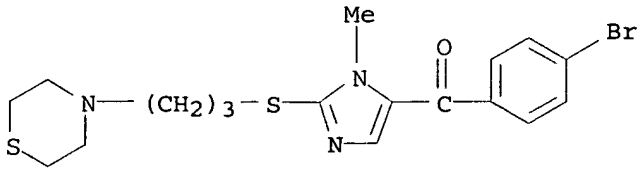
RN 465614-85-1 CAPLUS
CN Methanone, (4-bromophenyl)[2-[[3-(cyclohexylamino)propyl]thio]-1-methyl-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



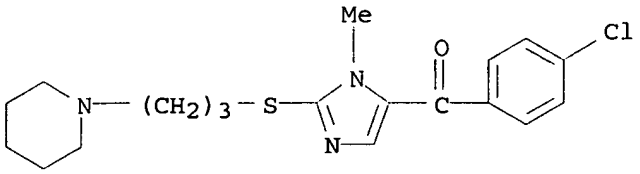
RN 465614-89-5 CAPLUS
CN Methanone, (4-bromophenyl)[1-methyl-2-[[3-[(phenylmethyl)amino]propyl]thio]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



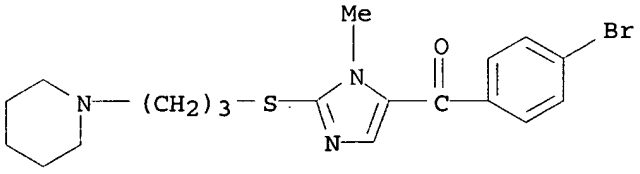
RN 465614-93-1 CAPLUS
CN Methanone, (4-bromophenyl)[1-methyl-2-[[3-(4-thiomorpholinyl)propyl]thio]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



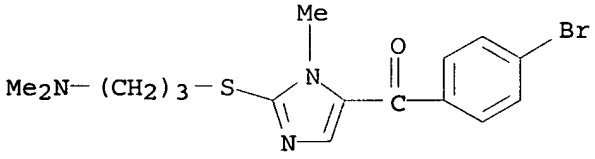
RN 465614-98-6 CAPLUS
CN Methanone, (4-chlorophenyl)[1-methyl-2-[[3-(1-piperidinyl)propyl]thio]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



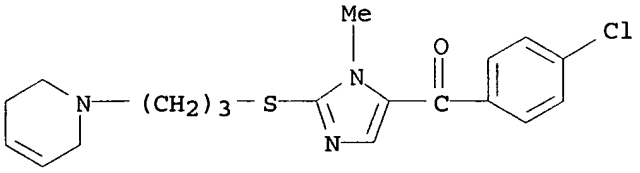
RN 465615-02-5 CAPLUS
CN Methanone, (4-bromophenyl)[1-methyl-2-[[3-(1-piperidinyl)propyl]thio]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



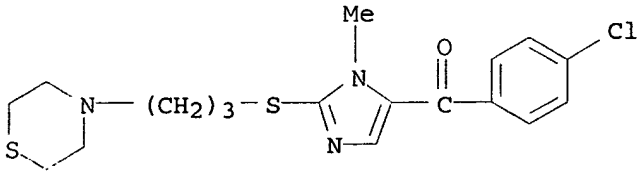
RN 465615-20-7 CAPLUS
CN Methanone, (4-bromophenyl)[2-[[3-(dimethylamino)propyl]thio]-1-methyl-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



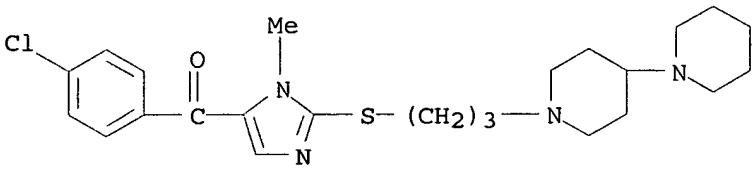
RN 465615-25-2 CAPLUS
CN Methanone, (4-chlorophenyl)[2-[[3-(3,6-dihydro-1(2H)-pyridinyl)propyl]thio]-1-methyl-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



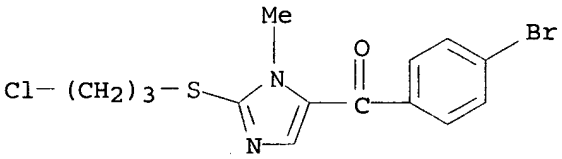
RN 465615-30-9 CAPLUS
CN Methanone, (4-chlorophenyl)[1-methyl-2-[[3-(4-thiomorpholinyl)propyl]thio]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



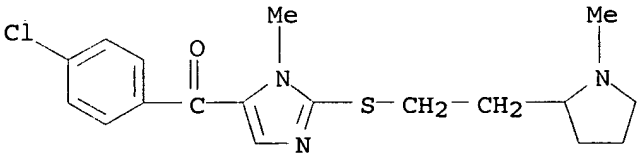
RN 465615-32-1 CAPLUS
CN Methanone, [2-[(3-[1,4'-bipiperidin]-1'-ylpropyl)thio]-1-methyl-1H-imidazol-5-yl](4-chlorophenyl)- (9CI) (CA INDEX NAME)



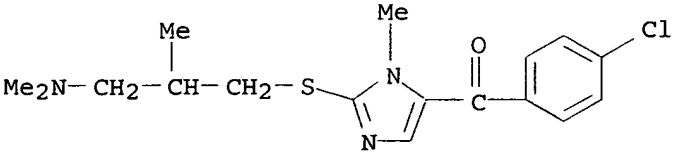
RN 465615-36-5 CAPLUS
CN Methanone, (4-bromophenyl)[2-[(3-chloropropyl)thio]-1-methyl-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



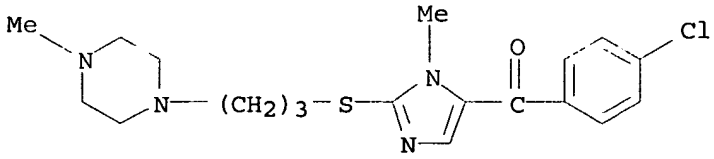
RN 465615-40-1 CAPLUS
CN Methanone, (4-chlorophenyl)[1-methyl-2-[[2-(1-methyl-2-pyrrolidinyl)ethyl]thio]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



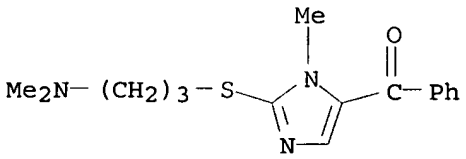
RN 465615-52-5 CAPLUS
CN Methanone, (4-chlorophenyl)[2-[[3-(dimethylamino)-2-methylpropyl]thio]-1-methyl-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



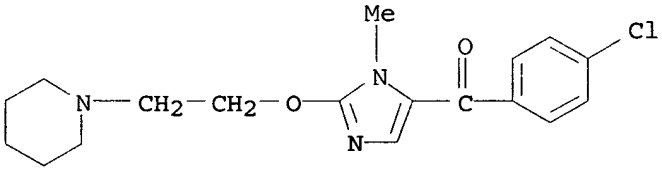
RN 465615-61-6 CAPLUS
CN Methanone, (4-chlorophenyl)[1-methyl-2-[[3-(4-methyl-1-piperazinyl)propyl]thio]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



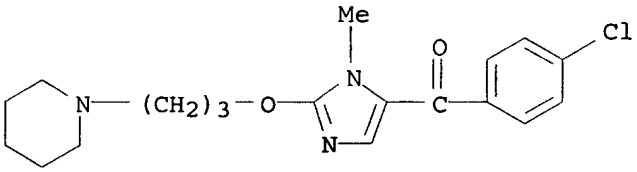
RN 465615-65-0 CAPLUS
CN Methanone, [2-[[3-(dimethylamino)propyl]thio]-1-methyl-1H-imidazol-5-yl]phenyl- (9CI) (CA INDEX NAME)



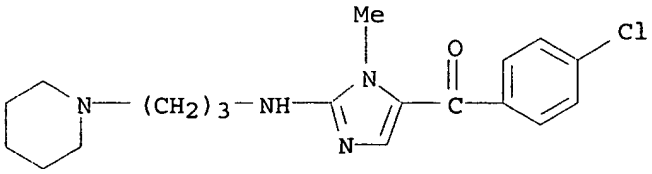
RN 465615-79-6 CAPLUS
CN Methanone, (4-chlorophenyl)[1-methyl-2-[2-(1-piperidinyl)ethoxy]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



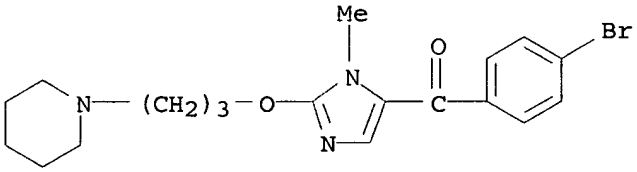
RN 465615-80-9 CAPLUS
CN Methanone, (4-chlorophenyl)[1-methyl-2-[3-(1-piperidinyl)propoxy]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



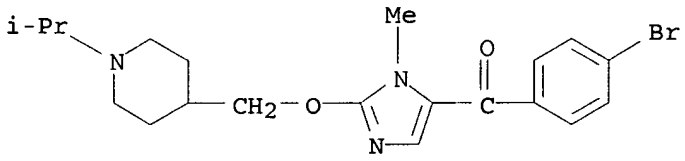
RN 465615-81-0 CAPLUS
CN Methanone, (4-chlorophenyl)[1-methyl-2-[[3-(1-piperidinyl)propyl]amino]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



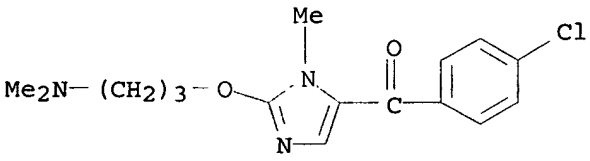
RN 465615-83-2 CAPLUS
CN Methanone, (4-bromophenyl)[1-methyl-2-[3-(1-piperidinyl)propoxy]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



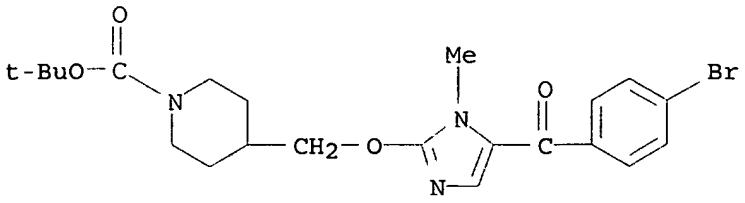
RN 465615-85-4 CAPLUS
CN Methanone, (4-bromophenyl)[1-methyl-2-[[1-(1-methylethyl)-4-piperidinyl]methoxy]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



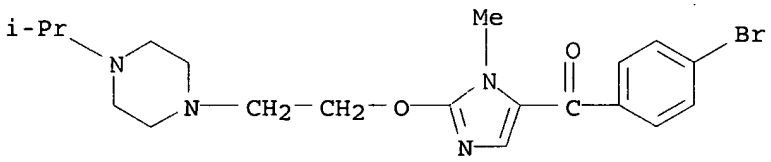
RN 465615-89-8 CAPLUS
CN Methanone, (4-chlorophenyl)[2-[3-(dimethylamino)propoxy]-1-methyl-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



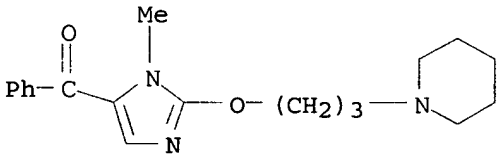
RN 465615-93-4 CAPLUS
CN 1-Piperidinecarboxylic acid, 4-[[[5-(4-bromobenzoyl)-1-methyl-1H-imidazol-2-yl]oxy]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



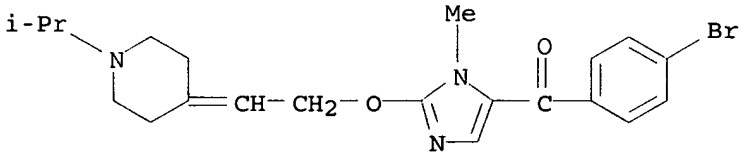
RN 465615-97-8 CAPLUS
CN Methanone, (4-bromophenyl)[1-methyl-2-[2-[4-(1-methylethyl)-1-piperazinyl]ethoxy]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



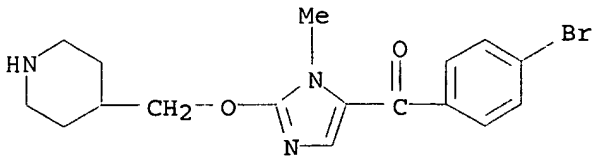
RN 465616-01-7 CAPLUS
CN Methanone, [1-methyl-2-[3-(1-piperidinyl)propoxy]-1H-imidazol-5-yl]phenyl- (9CI) (CA INDEX NAME)



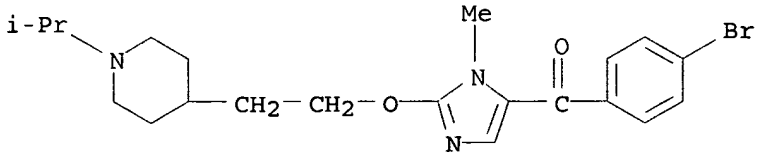
RN 465616-05-1 CAPLUS
CN Methanone, (4-bromophenyl)[1-methyl-2-[2-[1-(1-methylethyl)-4-piperidinylidene]ethoxy]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



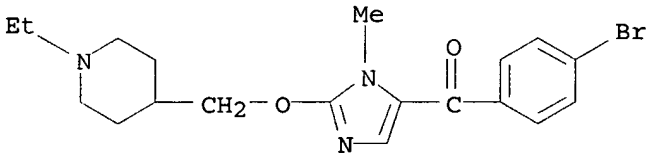
RN 465616-09-5 CAPLUS
CN Methanone, (4-bromophenyl)[1-methyl-2-(4-piperidinylmethoxy)-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



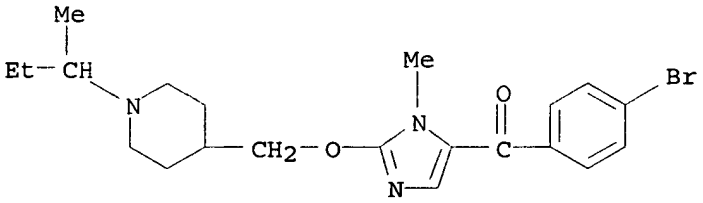
RN 465616-13-1 CAPLUS
CN Methanone, (4-bromophenyl)[1-methyl-2-[2-[1-(1-methylethyl)-4-piperidinyl]ethoxy]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



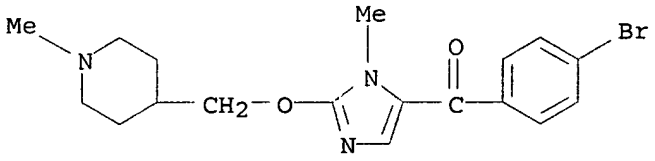
RN 465616-19-7 CAPLUS
CN Methanone, (4-bromophenyl)[2-[(1-ethyl-4-piperidinyl)methoxy]-1-methyl-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



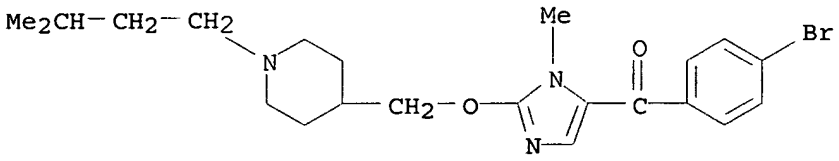
RN 465616-23-3 CAPLUS
CN Methanone, (4-bromophenyl)[1-methyl-2-[[1-(1-methylpropyl)-4-piperidinyl]methoxy]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



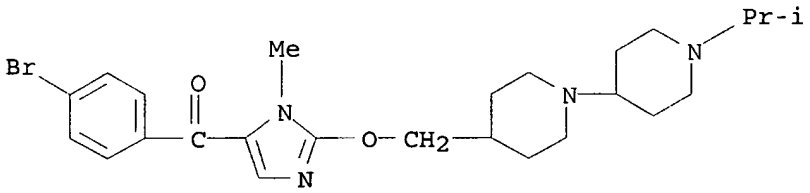
RN 465616-27-7 CAPLUS
CN Methanone, (4-bromophenyl)[1-methyl-2-[(1-methyl-4-piperidinyl)methoxy]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



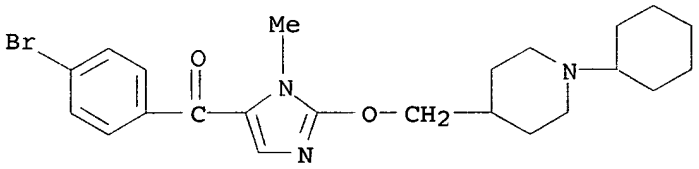
RN 465616-31-3 CAPLUS
CN Methanone, (4-bromophenyl)[1-methyl-2-[[1-(3-methylbutyl)-4-piperidinyl]methoxy]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



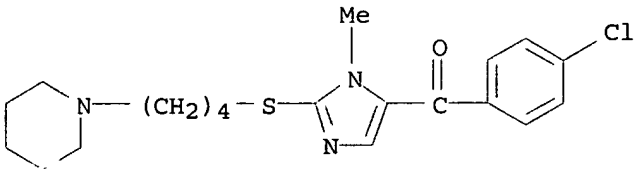
RN 465616-35-7 CAPLUS
CN Methanone, (4-bromophenyl)[1-methyl-2-[[1'-(1-methylethyl)[1,4'-bipiperidin]-4-yl]methoxy]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



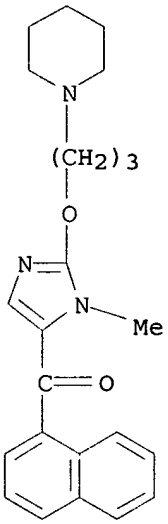
RN 465616-39-1 CAPLUS
CN Methanone, (4-bromophenyl)[2-[(1-cyclohexyl-4-piperidinyl)methoxy]-1-methyl-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



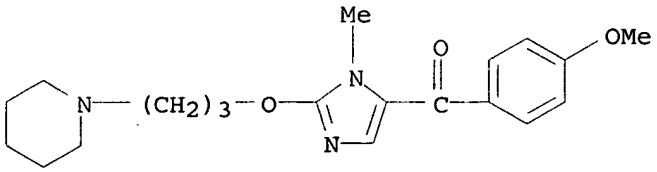
RN 465616-95-9 CAPLUS
CN Methanone, (4-chlorophenyl)[1-methyl-2-[[4-(1-piperidinyl)butyl]thio]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



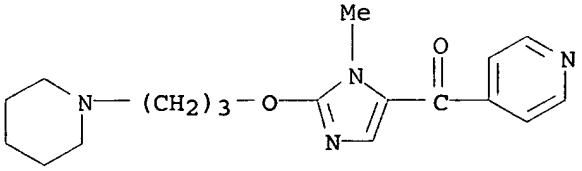
RN 465617-00-9 CAPLUS
CN Methanone, [1-methyl-2-[3-(1-piperidinyl)propoxy]-1H-imidazol-5-yl]-1-naphthalenyl- (9CI) (CA INDEX NAME)



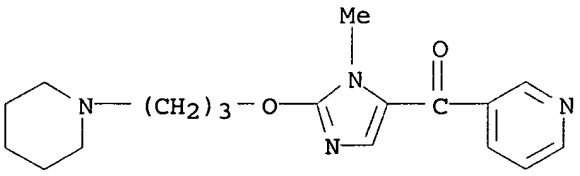
RN 465617-26-9 CAPLUS
CN Methanone, (4-methoxyphenyl)[1-methyl-2-[3-(1-piperidinyl)propoxy]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



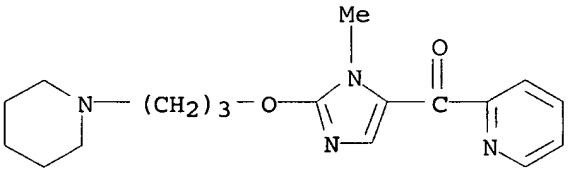
RN 465617-30-5 CAPLUS
CN Methanone, [1-methyl-2-[3-(1-piperidinyl)propoxy]-1H-imidazol-5-yl]-4-pyridinyl- (9CI) (CA INDEX NAME)



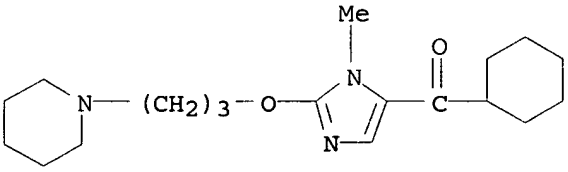
RN 465617-34-9 CAPLUS
CN Methanone, [1-methyl-2-[3-(1-piperidinyl)propoxy]-1H-imidazol-5-yl]-3-pyridinyl- (9CI) (CA INDEX NAME)



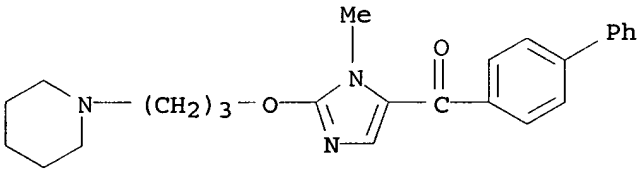
RN 465617-39-4 CAPLUS
CN Methanone, [1-methyl-2-[3-(1-piperidinyl)propoxy]-1H-imidazol-5-yl]-2-pyridinyl- (9CI) (CA INDEX NAME)



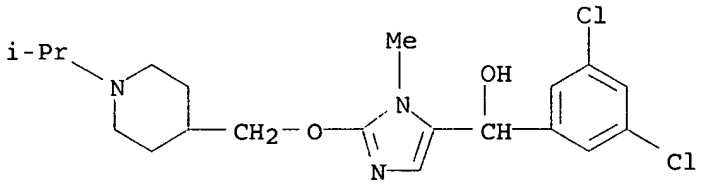
RN 465617-43-0 CAPLUS
CN Methanone, cyclohexyl[1-methyl-2-[3-(1-piperidinyl)propoxy]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



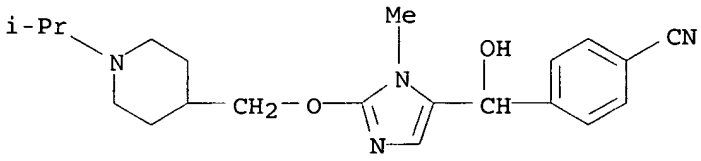
RN 465617-47-4 CAPLUS
CN Methanone, [1,1'-biphenyl]-4-yl[1-methyl-2-[3-(1-piperidinyl)propoxy]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



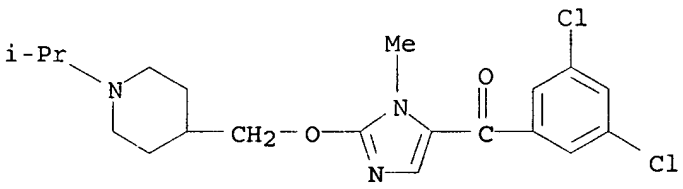
RN 465617-58-7 CAPLUS
CN 1H-Imidazole-5-methanol, α-(3,5-dichlorophenyl)-1-methyl-2-[[1-(1-methylethyl)-4-piperidinyl]methoxy]- (9CI) (CA INDEX NAME)



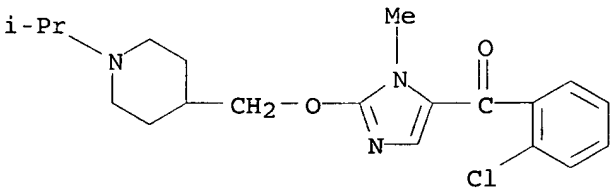
RN 465617-62-3 CAPLUS
CN Benzonitrile, 4-[hydroxy[1-methyl-2-[[1-(1-methylethyl)-4-piperidinyl]methoxy]-1H-imidazol-5-yl]methyl]- (9CI) (CA INDEX NAME)



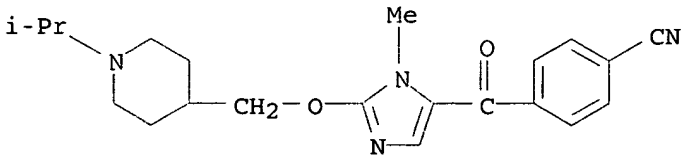
RN 465617-66-7 CAPLUS
CN Methanone, (3,5-dichlorophenyl)[1-methyl-2-[[1-(1-methylethyl)-4-piperidinyl]methoxy]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



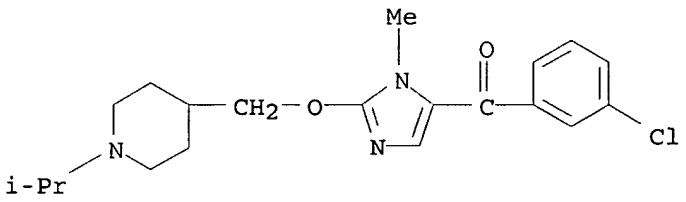
RN 465617-70-3 CAPLUS
CN Methanone, (2-chlorophenyl)[1-methyl-2-[[1-(1-methylethyl)-4-piperidinyl]methoxy]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



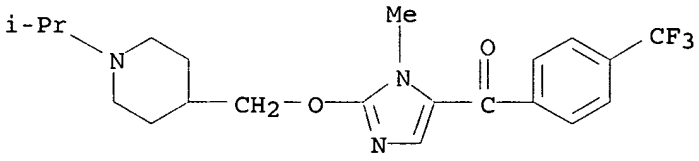
RN 465617-74-7 CAPLUS
CN Benzonitrile, 4-[[1-methyl-2-[[1-(1-methylethyl)-4-piperidinyl]methoxy]-1H-imidazol-5-yl]carbonyl]- (9CI) (CA INDEX NAME)



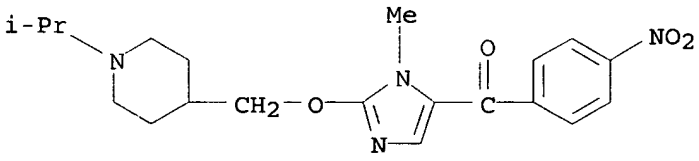
RN 465617-78-1 CAPLUS
CN Methanone, (3-chlorophenyl)[1-methyl-2-[[1-(1-methylethyl)-4-piperidinyl]methoxy]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



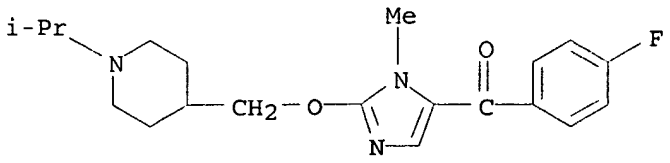
RN 465617-82-7 CAPLUS
CN Methanone, [1-methyl-2-[[1-(1-methylethyl)-4-piperidinyl]methoxy]-1H-imidazol-5-yl][4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



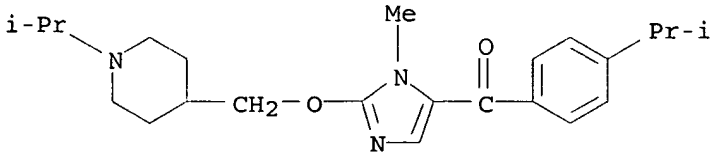
RN 465617-86-1 CAPLUS
CN Methanone, [1-methyl-2-[[1-(1-methylethyl)-4-piperidinyl]methoxy]-1H-imidazol-5-yl](4-nitrophenyl)- (9CI) (CA INDEX NAME)



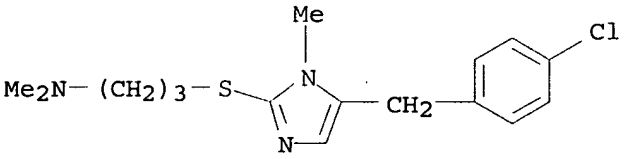
RN 465617-90-7 CAPLUS
CN Methanone, (4-fluorophenyl)[1-methyl-2-[[1-(1-methylethyl)-4-piperidinyl]methoxy]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



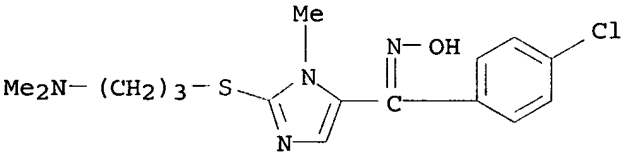
RN 465617-94-1 CAPLUS
CN Methanone, [4-(1-methylethyl)phenyl][1-methyl-2-[[1-(1-methylethyl)-4-piperidinyl]methoxy]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



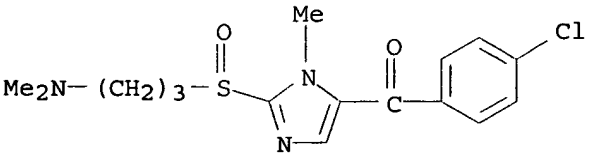
RN 465617-99-6 CAPLUS
CN 1-Propanamine, 3-[[5-[(4-chlorophenyl)methyl]-1-methyl-1H-imidazol-2-yl]thio]-N,N-dimethyl- (9CI) (CA INDEX NAME)



RN 465618-03-5 CAPLUS
CN Methanone, (4-chlorophenyl)[2-[[3-(dimethylamino)propyl]thio]-1-methyl-1H-imidazol-5-yl]-, oxime (9CI) (CA INDEX NAME)

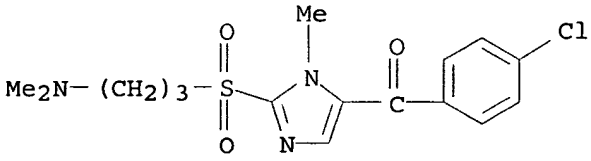


RN 465618-15-9 CAPLUS
CN Methanone, (4-chlorophenyl)[2-[[3-(dimethylamino)propyl]sulfinyl]-1-methyl-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



Thomas McKenzie

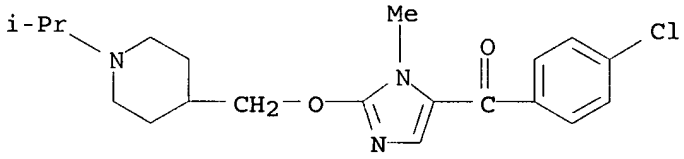
RN 465618-19-3 CAPLUS
CN Methanone, (4-chlorophenyl)[2-[[3-(dimethylamino)propyl]sulfonyl]-1-methyl-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



RN 807614-68-2 CAPLUS
CN Methanone, (4-chlorophenyl)[1-methyl-2-[[1-(1-methylethyl)-4-piperidinyl]methoxy]-1H-imidazol-5-yl]-, (2Z)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

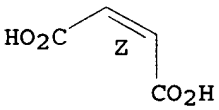
CRN 465615-69-4
CMF C20 H26 Cl N3 O2



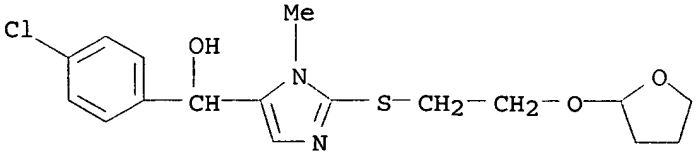
CM 2

CRN 110-16-7
CMF C4 H4 O4

Double bond geometry as shown.

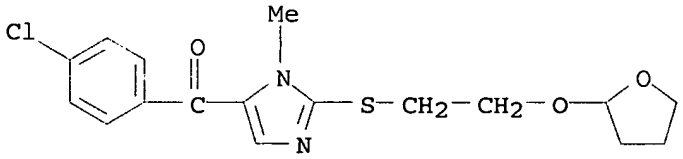


RN 869002-39-1 CAPLUS
CN 1H-Imidazole-5-methanol, α-(4-chlorophenyl)-1-methyl-2-[[2-[(tetrahydro-2-furanyl)oxy]ethyl]thio]- (9CI) (CA INDEX NAME)

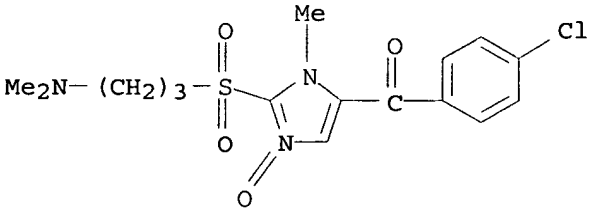


Thomas McKenzie

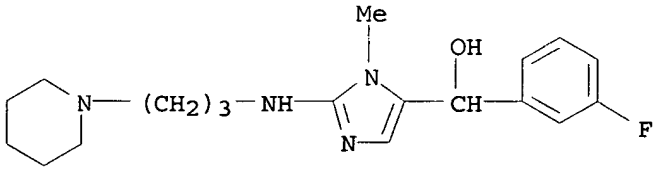
RN 869002-40-4 CAPLUS
CN Methanone, (4-chlorophenyl)[1-methyl-2-[[2-[(tetrahydro-2-furanyl)oxy]ethyl]thio]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



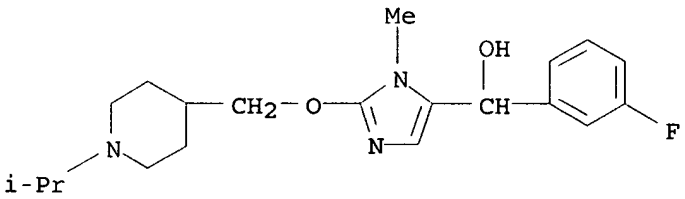
RN 869002-45-9 CAPLUS
CN Methanone, (4-chlorophenyl)[2-[[3-(dimethylamino)propyl]sulfonyl]-1-methyl-3-oxido-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



RN 869002-47-1 CAPLUS
CN 1H-Imidazole-5-methanol, α-(3-fluorophenyl)-1-methyl-2-[[3-(1-piperidinyl)propyl]amino]- (9CI) (CA INDEX NAME)



RN 869002-54-0 CAPLUS
CN 1H-Imidazole-5-methanol, α-(3-fluorophenyl)-1-methyl-2-[[1-(1-methylethyl)-4-piperidinyl]methoxy]- (9CI) (CA INDEX NAME)



L20 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
2005:823671 Document No. 143:229835 Preparation of mainly N-thiazolyl carboxamides as modulators of ATP-binding cassette transporters. Hadida Ruah, Sarah S.; Grootenhuis, Peter D. J.; Miller, Mark T.; Hamilton,

Matthew (Vertex Pharmaceuticals Incorporated, USA). PCT Int. Appl. WO 2005075435 A1 20050818, 229 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IS, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2005-US2644 20050131. PRIORITY: US 2004-2004/PV54056U 20040130; US 2004-2004/PV603503 20040820.

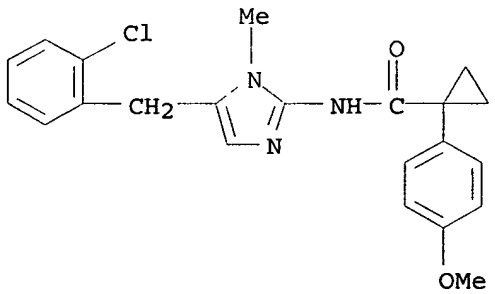
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2005075435	A1	20050818	WO 2005-US2644	20050131

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

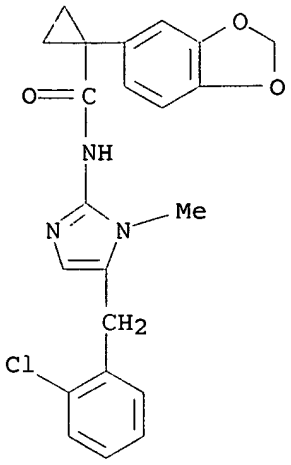
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

IT **862569-86-6P**, 5-[(2-Chlorophenyl)methyl]-2-[[[1-(4-methoxyphenyl)cyclopropyl]carbonyl]amino]-1-methyl-1H-imidazole **862572-01-8P**, 2-[[[1-(Benzodioxol-5-yl)cyclopropyl]carbonyl]amino]-5-[(2-chlorophenyl)methyl]-1-methyl-1H-imidazole **862574-90-1P**, 1-(Benzodioxol-5-yl)cyclopropanecarboxylic acid N-[5-(2-chlorobenzyl)-1-methyl-1H-imidazol-2-yl]amide trifluoroacetate
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of N-thiazolyl carboxamides as modulators of ATP-binding cassette transporters)

RN 862569-86-6 CAPLUS
CN Cyclopropanecarboxamide, N-[5-[(2-chlorophenyl)methyl]-1-methyl-1H-imidazol-2-yl]-1-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



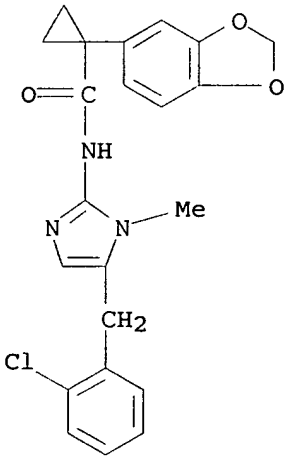
RN 862572-01-8 CAPLUS
CN Cyclopropanecarboxamide, 1-(1,3-benzodioxol-5-yl)-N-[5-[(2-chlorophenyl)methyl]-1-methyl-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)



RN 862574-90-1 CAPLUS
CN Cyclopropanecarboxamide, 1-(1,3-benzodioxol-5-yl)-N-[5-[(2-chlorophenyl)methyl]-1-methyl-1H-imidazol-2-yl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

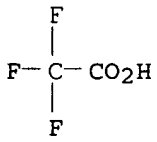
CM 1

CRN 862572-01-8
CMF C22 H20 Cl N3 O3



CM 2

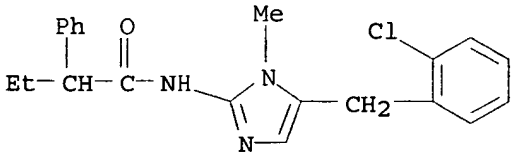
CRN 76-05-1
CMF C2 H F3 O2



L20 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
2005:260042 Document No. 142:336395 A preparation of oxazole, thiazole, and imidazole derivatives, useful as modulators of ATP-binding cassette transporters. Miller, Mark T.; Hadida Ruah, Sara S.; Singh, Ashavini K. (Vertex Pharmaceuticals Incorporated, USA; Cleveland, Thomas; Makings, Lewis R.; Hamilton, Matthew; Grootenhuis, Peter D. J.; Hadida Ruah, Sara S.). PCT Int. Appl. WO 2005026137 A2 20050324, 345 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2004-US29206 20040907. PRIORITY: US 2003-2003/PV500444 20030906.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005026137	A2	20050324	WO 2004-US29206	20040907
	WO 2005026137	A3	20050721		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2005176789	A1	20050811	US 2004-936448	20040907

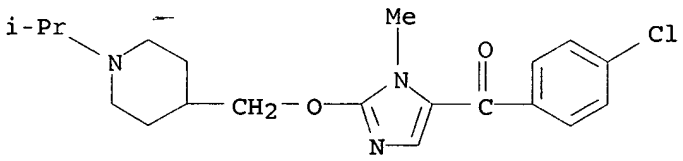
IT **848462-56-6P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of oxazole, thiazole, and imidazole derivs. useful as modulators of ATP-binding cassette transporters)
RN 848462-56-6 CAPLUS
CN Benzeneacetamide, N-[5-[(2-chlorophenyl)methyl]-1-methyl-1H-imidazol-2-yl]-α-ethyl- (9CI) (CA INDEX NAME)



L20 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
2004:861116 Document No. 142:38188 A Scalable Synthesis of a Histamine H3 Receptor Antagonist. Mani, Neelakandha S.; Jablonowski, Jill A.; Jones, Todd K. (Department of Drug Discovery, Johnson & Johnson Pharmaceutical Research and Development, L.L.C., San Diego, CA, 92121, USA). Journal of Organic Chemistry, 69(23), 8115-8117 (English) 2004. CODEN: JOCEAH. ISSN: 0022-3263. OTHER SOURCES: CASREACT 142:38188. Publisher: American Chemical Society.

IT **465615-69-4P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of (chlorophenyl)[(isopropylpiperidinylmethoxy)methylimidazolyl]methanone via chlorination of methylimidazole followed by regioselective substitution with Weinreb amide and nucleophilic substitution with piperidinylmethoxide)

RN 465615-69-4 CAPLUS
CN Methanone, (4-chlorophenyl)[1-methyl-2-[[1-(1-methylethyl)-4-piperidinyl]methoxy]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)

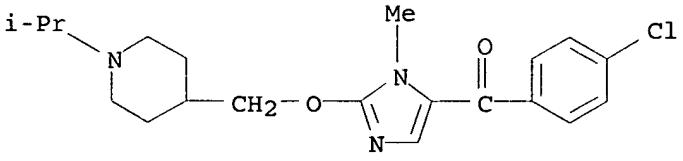


IT **807614-68-2P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of (chlorophenyl)[(isopropylpiperidinylmethoxy)methylimidazolyl]methanone via chlorination of methylimidazole followed by regioselective substitution with Weinreb amide and nucleophilic substitution with piperidinylmethoxide)

RN 807614-68-2 CAPLUS
CN Methanone, (4-chlorophenyl)[1-methyl-2-[[1-(1-methylethyl)-4-piperidinyl]methoxy]-1H-imidazol-5-yl]-, (2Z)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 465615-69-4
CMF C20 H26 Cl N3 O2

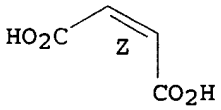


CM 2

CRN 110-16-7
CMF C4 H4 O4

Thomas McKenzie

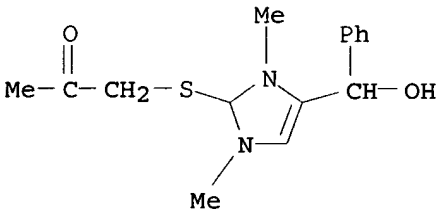
Double bond geometry as shown.



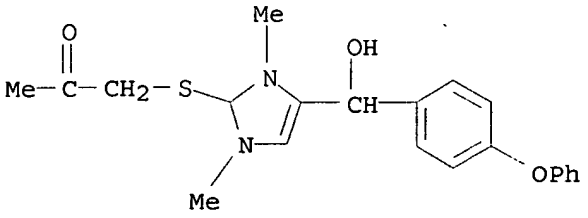
L20 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
1991:471598 Document No. 115:71598 Preparation of imidazoles as transglutaminase inhibitors. Baldwin, John J.; Remy, David C.; Claremon, David A. (Merck and Co., Inc., USA). Eur. Pat. Appl. EP 411705 A1 19910206, 33 pp. DESIGNATED STATES: R: CH, DE, FR, GB, IT, LI, NL. (English). CODEN: EPXXDW. APPLICATION: EP 1990-202069 19900727. PRIORITY: US 1989-386641 19890731.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 411705	A1	19910206	EP 1990-202069	19900727
	R: CH, DE, FR, GB, IT, LI, NL				
	US 5030644	A	19910709	US 1989-386641	19890731
	CA 2022116	AA	19910201	CA 1990-2022116	19900727
	JP 03128359	A2	19910531	JP 1990-203781	19900731
	US 5098707	A	19920324	US 1991-692430	19910429

IT **134218-00-1P 134218-19-2P 134218-20-5P**
134218-26-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as transglutaminase inhibitor)
RN 134218-00-1 CAPLUS
CN 1H-Imidazolium, 4-(hydroxyphenylmethyl)-1,3-dimethyl-2-[(2-oxopropyl)thio]-, chloride (9CI) (CA INDEX NAME)

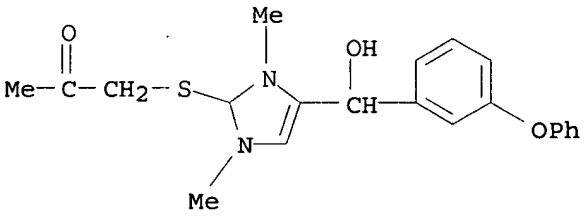


ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE
RN 134218-19-2 CAPLUS
CN 1H-Imidazolium, 4-[hydroxy(4-phenoxyphenyl)methyl]-1,3-dimethyl-2-[(2-oxopropyl)thio]-, chloride (9CI) (CA INDEX NAME)



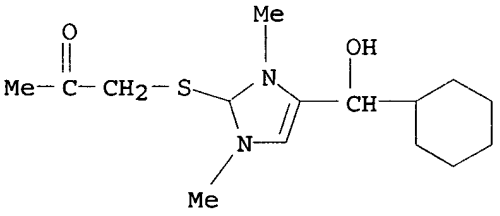
● Cl⁻

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE
RN 134218-20-5 CAPLUS
CN 1H-Imidazolium, 4-[hydroxy(3-phenoxyphenyl)methyl]-1,3-dimethyl-2-[(2-oxopropyl)thio]-, chloride (9CI) (CA INDEX NAME)



● Cl⁻

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE
RN 134218-26-1 CAPLUS
CN 1H-Imidazolium, 4-(cyclohexylhydroxymethyl)-1,3-dimethyl-2-[(2-oxopropyl)thio]-, chloride (9CI) (CA INDEX NAME)



● Cl⁻

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

=> logoff
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

Thomas McKenzie

LOGOFF? (Y)/N/HOLD:.
STN INTERNATIONAL LOGOFF AT 17:45:07 ON 08 MAR 2006